

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037307.D
 Acq On : 28 Aug 2023 20:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Aug 29 01:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
							08/29/2023
Internal Standards							Supervised By :Semsettin
1) Pentafluorobenzene	5.550	168	123959	50.000	ug/l	0.00	Desilyurt
34) 1,4-Difluorobenzene	6.763	114	221280	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	209656	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	109682	50.000	ug/l	0.00	
System Monitoring Compounds							08/29/2023
33) 1,2-Dichloroethane-d4	5.958	65	97943	54.806	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.620%		
35) Dibromofluoromethane	5.385	113	84746	57.828	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.660%		
50) Toluene-d8	8.647	98	296518	55.780	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.560%		
62) 4-Bromofluorobenzene	11.079	95	121464	58.143	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.280%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.167	85	81323	56.477	ug/l	98	
3) Chloromethane	1.301	50	85339	67.744	ug/l	97	
4) Vinyl Chloride	1.374	62	83957	61.228	ug/l	99	
5) Bromomethane	1.599	94	37640	55.108	ug/l	99	
6) Chloroethane	1.673	64	45601	56.514	ug/l	96	
7) Trichlorofluoromethane	1.880	101	125534	55.888	ug/l	99	
8) Diethyl Ether	2.136	74	52245	60.120	ug/l	78	
9) 1,1,2-Trichlorotrifluo...	2.325	101	68740	52.459	ug/l	97	
10) Methyl Iodide	2.447	142	97503	61.223	ug/l	95	
11) Tert butyl alcohol	2.965	59	119664	285.451	ug/l #	93	
12) 1,1-Dichloroethene	2.313	96	72840	57.083	ug/l	86	
13) Acrolein	2.233	56	68027	213.310	ug/l	96	
14) Allyl chloride	2.660	41	110990	56.195	ug/l #	88	
15) Acrylonitrile	3.063	53	232250	310.396	ug/l	99	
16) Acetone	2.380	43	189431	270.954	ug/l #	88	
17) Carbon Disulfide	2.508	76	176041	54.237	ug/l	99	
18) Methyl Acetate	2.703	43	153345	58.254	ug/l #	87	
19) Methyl tert-butyl Ether	3.117	73	285257	58.943	ug/l	97	
20) Methylene Chloride	2.788	84	92100	58.908	ug/l #	83	
21) trans-1,2-Dichloroethene	3.087	96	82776	57.065	ug/l	89	
22) Diisopropyl ether	3.757	45	238633	58.879	ug/l #	92	
23) Vinyl Acetate	3.721	43	915706	294.837	ug/l #	89	
24) 1,1-Dichloroethane	3.605	63	150437	59.191	ug/l	96	
25) 2-Butanone	4.556	43	303261	288.086	ug/l #	85	
26) 2,2-Dichloropropane	4.477	77	106540	46.939	ug/l	96	
27) cis-1,2-Dichloroethene	4.489	96	100383	58.701	ug/l	86	
28) Bromochloromethane	4.898	49	63936	56.313	ug/l #	72	
29) Tetrahydrofuran	5.007	42	194462	289.670	ug/l #	82	
30) Chloroform	5.093	83	165792	58.111	ug/l	96	
31) Cyclohexane	5.471	56	111722	55.599	ug/l	87	
32) 1,1,1-Trichloroethane	5.379	97	143516	56.134	ug/l	96	
36) 1,1-Dichloropropene	5.690	75	109428	52.558	ug/l	96	
37) Ethyl Acetate	4.715	43	118325	55.634	ug/l #	93	
38) Carbon Tetrachloride	5.678	117	122601	54.208	ug/l	95	
39) Methylcyclohexane	7.379	83	128459	58.724	ug/l	91	
40) Benzene	6.038	78	348350	58.337	ug/l	99	

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 Supervised By :Semsettin
 Kesilyurt

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	62505	56.533	ug/l	#	87
42) 1,2-Dichloroethane	6.086	62	129109	55.135	ug/l		94
43) Isopropyl Acetate	6.342	43	190763	56.495	ug/l	#	90
44) Trichloroethene	7.129	130	92650	54.719	ug/l		93
45) 1,2-Dichloropropane	7.428	63	86768	58.932	ug/l		99
46) Dibromomethane	7.580	93	67117	57.865	ug/l		94
47) Bromodichloromethane	7.824	83	128308	57.754	ug/l		97
48) Methyl methacrylate	7.696	41	93744	56.928	ug/l	#	84
49) 1,4-Dioxane	7.659	88	55505	1251.564	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	601348	293.288	ug/l		89
52) Toluene	8.720	92	228106	57.816	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	135782	57.401	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	145680	56.989	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	95881	59.681	ug/l		97
56) Ethyl methacrylate	9.116	69	152145	60.461	ug/l	#	83
57) 1,3-Dichloropropane	9.305	76	159236	58.796	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	355960	294.763	ug/l		93
59) 2-Hexanone	9.433	43	469049	300.027	ug/l		86
60) Dibromochloromethane	9.519	129	106059	62.005	ug/l		98
61) 1,2-Dibromoethane	9.610	107	104439	59.375	ug/l		100
64) Tetrachloroethene	9.275	164	73820	48.265	ug/l		98
65) Chlorobenzene	10.080	112	248282	56.031	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95843	58.604	ug/l		99
67) Ethyl Benzene	10.195	91	435810	55.894	ug/l		98
68) m/p-Xylenes	10.299	106	344654	114.463	ug/l		97
69) o-Xylene	10.640	106	173020	58.241	ug/l		98
70) Styrene	10.653	104	288146	58.883	ug/l		97
71) Bromoform	10.799	173	77398	63.268	ug/l	#	99
73) Isopropylbenzene	10.964	105	437014	54.817	ug/l		98
74) N-amyl acetate	10.842	43	172224	55.597	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	157174	58.541	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	130539m	55.885	ug/l		
77) Bromobenzene	11.195	156	110078	56.536	ug/l		91
78) n-propylbenzene	11.305	91	493547	55.597	ug/l		98
79) 2-Chlorotoluene	11.366	91	312330	55.056	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	382551	57.524	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	45129	53.962	ug/l		86
82) 4-Chlorotoluene	11.451	91	358733	54.781	ug/l		98
83) tert-Butylbenzene	11.713	119	377993	59.599	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	387444	57.646	ug/l		97
85) sec-Butylbenzene	11.890	105	449442	60.669	ug/l		98
86) p-Isopropyltoluene	12.006	119	387334	60.737	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	205661	56.419	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	207828	55.183	ug/l		99
89) n-Butylbenzene	12.329	91	314898	59.558	ug/l		99
90) Hexachloroethane	12.536	117	70741	66.460	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	210332	58.925	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36472	58.463	ug/l		80
93) 1,2,4-Trichlorobenzene	13.585	180	123579	59.169	ug/l		98
94) Hexachlorobutadiene	13.725	225	49403	61.228	ug/l		99
95) Naphthalene	13.774	128	458831	50.152	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	125468	60.465	ug/l		98

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John
Carlone

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

08/29/2023
Supervised By :Semsettin
Yesilyurt

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Reviewed By :John
Carlone

Abundance

TIC: VX037307.D\data.ms

08/29/2023
Supervised By :Semsettin Yesilyurt

Time-->

Dichlorodifluoromethane, T
Chloroethyl Chloride, C
Bromomethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Methyl Isopropyl Sulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Methylcyclohexane, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
Ethyl Acetate, T
Bromoacetaldehyde, T
Chloroform, T
Dibromochloromethane, S
Cyclohexanone, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichlorobenzene, T
Nonyl phenyl carbonate, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
Toluene, CM
t-1,3-Dichloropropene, T
Ethyl propyl ether, T
1,3-Dichlorobenzene, I
Dibromomethane, T
1,2-Dichloropropane, T
Chlorobenzene, PM
1,1,1-Trichloroethane, T
N-amyl acetate, T
trans-1,2-Dichloro-2-methylpropane, S
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorocyclopentadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T