

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036783.D
 Acq On : 02 Aug 2023 20:17
 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 03 07:31:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	128918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94302	49.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.880%
35) Dibromofluoromethane	5.385	113	78247	50.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	8.647	98	261522	47.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.079	95	105397	50.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	69346	40.719	ug/l	97
3) Chloromethane	1.301	50	66489	42.924	ug/l	96
4) Vinyl Chloride	1.374	62	70919	44.969	ug/l	99
5) Bromomethane	1.599	94	37339	39.657	ug/l	99
6) Chloroethane	1.679	64	40548	52.883	ug/l	98
7) Trichlorofluoromethane	1.880	101	124656	51.184	ug/l	99
8) Diethyl Ether	2.136	74	48857	51.852	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	69497	47.497	ug/l	99
10) Methyl Iodide	2.453	142	73989	48.685	ug/l	94
11) Tert butyl alcohol	2.965	59	131315	290.779	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67029	46.433	ug/l	87
13) Acrolein	2.240	56	76634	297.347	ug/l	99
14) Allyl chloride	2.660	41	123422	43.419	ug/l #	94
15) Acrylonitrile	3.063	53	243609	268.238	ug/l	99
16) Acetone	2.380	43	210075	265.396	ug/l	91
17) Carbon Disulfide	2.508	76	150753	37.838	ug/l	98
18) Methyl Acetate	2.703	43	179440	53.887	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	283999	52.353	ug/l	98
20) Methylene Chloride	2.788	84	84425	47.958	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	73654	45.652	ug/l	90
22) Diisopropyl ether	3.764	45	258069	47.815	ug/l #	85
23) Vinyl Acetate	3.721	43	1006716	243.163	ug/l #	95
24) 1,1-Dichloroethane	3.611	63	147540	48.757	ug/l	97
25) 2-Butanone	4.556	43	341772	266.126	ug/l	92
26) 2,2-Dichloropropane	4.477	77	114645	40.207	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	94255	49.187	ug/l	91
28) Bromochloromethane	4.898	49	71294	48.715	ug/l	87
29) Tetrahydrofuran	5.007	42	217236	262.369	ug/l	91
30) Chloroform	5.099	83	158900	51.326	ug/l	99
31) Cyclohexane	5.465	56	112182	42.475	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	139670	49.236	ug/l	98
36) 1,1-Dichloropropene	5.690	75	103982	44.740	ug/l	98
37) Ethyl Acetate	4.715	43	131955	50.163	ug/l	97
38) Carbon Tetrachloride	5.678	117	117095	47.390	ug/l	99
39) Methylcyclohexane	7.379	83	122451	42.371	ug/l	92
40) Benzene	6.038	78	319565	47.260	ug/l	99

08/03/2023
 Supervised By :Semsettin
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	70948	50.428	ug/l	93	08/03/2023
42) 1,2-Dichloroethane	6.086	62	127476	51.562	ug/l	96	Supervised By :Semsettin
43) Isopropyl Acetate	6.342	43	220941	48.793	ug/l	96	Yesilyurt
44) Trichloroethene	7.129	130	84795	47.975	ug/l	93	
45) 1,2-Dichloropropane	7.434	63	85869	47.563	ug/l	98	
46) Dibromomethane	7.580	93	64135	50.759	ug/l	97	
47) Bromodichloromethane	7.824	83	128449	49.526	ug/l	97	08/03/2023
48) Methyl methacrylate	7.690	41	103420	49.111	ug/l	90	
49) 1,4-Dioxane	7.659	88	51034	1199.627	ug/l #	91	
51) 4-Methyl-2-Pentanone	8.574	43	660894	263.741	ug/l	96	
52) Toluene	8.720	92	201529	47.565	ug/l	97	
53) t-1,3-Dichloropropene	8.976	75	138356	47.199	ug/l	99	
54) cis-1,3-Dichloropropene	8.366	75	144034	46.565	ug/l	92	
55) 1,1,2-Trichloroethane	9.153	97	90512	50.820	ug/l	95	
56) Ethyl methacrylate	9.116	69	148302	51.136	ug/l	93	
57) 1,3-Dichloropropane	9.305	76	152019	51.246	ug/l	100	
58) 2-Chloroethyl Vinyl ether	8.245	63	354547	248.110	ug/l	97	
59) 2-Hexanone	9.433	43	506874	272.550	ug/l	94	
60) Dibromochloromethane	9.519	129	100141	51.156	ug/l	100	
61) 1,2-Dibromoethane	9.610	107	95409	51.688	ug/l	100	
64) Tetrachloroethene	9.275	164	74200	48.719	ug/l	98	
65) Chlorobenzene	10.080	112	222802	49.502	ug/l	100	
66) 1,1,1,2-Tetrachloroethane	10.165	131	88371	50.798	ug/l	99	
67) Ethyl Benzene	10.195	91	392718	47.762	ug/l	100	
68) m/p-Xylenes	10.299	106	300273	97.877	ug/l	98	
69) o-Xylene	10.640	106	151759	49.558	ug/l	98	
70) Styrene	10.653	104	254752	50.423	ug/l	98	
71) Bromoform	10.799	173	73539	52.220	ug/l #	99	
73) Isopropylbenzene	10.964	105	393524	46.083	ug/l	98	
74) N-amyl acetate	10.842	43	183948	46.192	ug/l	96	
75) 1,1,2,2-Tetrachloroethane	11.214	83	144272	50.021	ug/l	99	
76) 1,2,3-Trichloropropane	11.238	75	121978m	50.258	ug/l		
77) Bromobenzene	11.195	156	94527	48.606	ug/l	95	
78) n-propylbenzene	11.305	91	455294	46.101	ug/l	100	
79) 2-Chlorotoluene	11.366	91	277721	46.407	ug/l	98	
80) 1,3,5-Trimethylbenzene	11.451	105	334877	46.875	ug/l	99	
81) trans-1,4-Dichloro-2-b...	11.018	75	46056	43.011	ug/l	87	
82) 4-Chlorotoluene	11.451	91	320288	46.972	ug/l	98	
83) tert-Butylbenzene	11.713	119	332709	47.407	ug/l	98	
84) 1,2,4-Trimethylbenzene	11.750	105	337661	47.261	ug/l	98	
85) sec-Butylbenzene	11.890	105	414921	47.406	ug/l	98	
86) p-Isopropyltoluene	12.006	119	350336	48.646	ug/l	98	
87) 1,3-Dichlorobenzene	11.969	146	177626	49.314	ug/l	98	
88) 1,4-Dichlorobenzene	12.043	146	179663	50.261	ug/l	98	
89) n-Butylbenzene	12.329	91	306586	47.555	ug/l	99	
90) Hexachloroethane	12.536	117	66122	45.289	ug/l	97	
91) 1,2-Dichlorobenzene	12.335	146	178331	51.306	ug/l	99	
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35184	52.495	ug/l	84	
93) 1,2,4-Trichlorobenzene	13.585	180	113079	52.805	ug/l	98	
94) Hexachlorobutadiene	13.725	225	43259	48.829	ug/l	99	
95) Naphthalene	13.774	128	423665	56.773	ug/l	100	
96) 1,2,3-Trichlorobenzene	13.963	180	114978	54.476	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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