

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037095.D
 Acq On : 18 Aug 2023 19:31
 Operator : JC/MD
 Sample : 04024-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:23:17 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92220	81.034	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 162.060%#			
35) Dibromofluoromethane	5.385	113	67528	60.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.260%			
50) Toluene-d8	8.647	98	216018	53.466	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.079	95	88576	55.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41166	44.894	ug/l	97
3) Chloromethane	1.294	50	47717	59.482	ug/l	97
4) Vinyl Chloride	1.374	62	43404	49.706	ug/l	99
5) Bromomethane	1.599	94	25031	57.548	ug/l	96
6) Chloroethane	1.672	64	28225	54.929	ug/l	96
7) Trichlorofluoromethane	1.880	101	70044	48.969	ug/l	100
8) Diethyl Ether	2.136	74	45634	82.461	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	35612	42.677	ug/l	97
10) Methyl Iodide	2.447	142	66611	65.679	ug/l	96
11) Tert butyl alcohol	2.971	59	116009	434.556	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	41354	50.891	ug/l	84
13) Acrolein	2.239	56	70903	349.125	ug/l	99
14) Allyl chloride	2.660	41	78473	62.391	ug/l #	93
15) Acrylonitrile	3.062	53	214142	449.417	ug/l	99
16) Acetone	2.380	43	196653	441.703	ug/l	92
17) Carbon Disulfide	2.508	76	100396	48.572	ug/l	99
18) Methyl Acetate	2.703	43	114692	68.419	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	259826	84.308	ug/l	95
20) Methylene Chloride	2.788	84	67044	67.338	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	54198	58.673	ug/l	89
22) Diisopropyl ether	3.764	45	190646	73.867	ug/l #	81
23) Vinyl Acetate	3.721	43	613600	310.240	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	105784	65.359	ug/l	97
25) 2-Butanone	4.556	43	298552	445.360	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	35783	24.756	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	75382	69.222	ug/l	83
28) Bromochloromethane	4.897	49	58573	81.012	ug/l #	79
29) Tetrahydrofuran	5.007	42	187607	438.838	ug/l #	82
30) Chloroform	5.093	83	126212	69.467	ug/l	99
31) Cyclohexane	5.471	56	54600	42.668	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	90428	55.541	ug/l	96
36) 1,1-Dichloropropene	5.690	75	65577	41.440	ug/l	98
37) Ethyl Acetate	4.715	43	89328	55.261	ug/l #	94
38) Carbon Tetrachloride	5.678	117	71128	41.378	ug/l	99
39) Methylcyclohexane	7.379	83	51143	30.761	ug/l	92
40) Benzene	6.037	78	244562	53.886	ug/l	99

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59933	71.320	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	115148	64.697	ug/l	96
43) Isopropyl Acetate	6.342	43	156467	60.968	ug/l #	92
44) Trichloroethene	7.123	130	60572	47.068	ug/l	99
45) 1,2-Dichloropropane	7.427	63	67557	60.370	ug/l	98
46) Dibromomethane	7.580	93	60004	68.065	ug/l	95
47) Bromodichloromethane	7.824	83	105615	62.548	ug/l	97
48) Methyl methacrylate	7.690	41	88260	70.520	ug/l #	86
49) 1,4-Dioxane	7.659	88	50138	1487.469	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	554545	355.848	ug/l	92
52) Toluene	8.720	92	155016	51.695	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106566	59.273	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108210	55.696	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	81785	66.979	ug/l	98
56) Ethyl methacrylate	9.116	69	129431	67.673	ug/l	89
57) 1,3-Dichloropropane	9.305	76	136167	66.152	ug/l	100
59) 2-Hexanone	9.433	43	427898	360.116	ug/l	90
60) Dibromochloromethane	9.519	129	87300	67.151	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91518	68.456	ug/l	99
64) Tetrachloroethene	9.275	164	47818	38.988	ug/l	97
65) Chlorobenzene	10.079	112	178434	50.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	72035	54.927	ug/l	98
67) Ethyl Benzene	10.195	91	278745	44.581	ug/l	100
68) m/p-Xylenes	10.299	106	215272	89.154	ug/l	99
69) o-Xylene	10.640	106	116168	48.764	ug/l	99
70) Styrene	10.653	104	203627	51.890	ug/l	97
71) Bromoform	10.799	173	63041	64.262	ug/l #	100
73) Isopropylbenzene	10.963	105	243023	41.151	ug/l	98
74) N-amyl acetate	10.842	43	111532	48.604	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	125191	62.946	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106517m	61.558	ug/l	
77) Bromobenzene	11.195	156	79080	54.828	ug/l	94
78) n-propylbenzene	11.305	91	261658	39.790	ug/l	99
79) 2-Chlorotoluene	11.366	91	197881	47.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214143	43.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30099	48.584	ug/l	89
82) 4-Chlorotoluene	11.451	91	233118	48.056	ug/l	98
83) tert-Butylbenzene	11.713	119	195966	41.710	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	228753	45.945	ug/l	98
85) sec-Butylbenzene	11.890	105	198787	36.224	ug/l	99
86) p-Isopropyltoluene	12.006	119	179622	38.022	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133553	49.458	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	137643	49.337	ug/l	99
89) n-Butylbenzene	12.329	91	134639	34.376	ug/l	99
90) Hexachloroethane	12.536	117	31734	40.246	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	142244	53.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30945	66.962	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	72901	47.119	ug/l	98
94) Hexachlorobutadiene	13.725	225	18425	30.826	ug/l	98
95) Naphthalene	13.774	128	363391	53.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	76717	49.909	ug/l	98

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/21/2023

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

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

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Supervised By :Mahesh Dadoda 08/21/2023

Abundance

TIC: VX037095.D\data.ms

Time-->

1,2-Dichloroethane, T
Chloroethane, T
Chloroethane, T
Trichloroethane, T
Acetone, T
Methyl Chloride, T
Methyl Chloride, T
Tert butyl alcohol, T
trans-1,2-Dichloroethane, T
1,1-Dichloroethane, P
Diisopropyl ether, T Vinyl Acetate, T
2,2-Dichloropropane, T
Ethyl Acetate, T
Bromochloroethane, T
Chloroform, C
Cyclohexane, T
1,2-Dichloroethane, S
1,2-Dichloroethane, TM
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Methylcyclopropane, C
1,4-Dioxane, T
Bromochloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Toluene, S, CM
t-1,3-Dichloropropane, T
Ethyl Chloride, T
Tetrachloroethane, T
1,2-Dichloroethane, T
1,1,2-Tetrachloroethane, C
1,1,2-Tetrachloroethane, C
Bromofarm, P
N-amyl acetate, T
trans-1,4-Dichlorobutene, S
1,2,3-Trichlorobenzene, P
1,2,3-Trichlorobenzene, T
sec-Butyl alcohol, T
1,4-Dichlorobenzene, T
1,2,4-Trichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
Naphthalene, T
4-Methyl-2-Pentanone, T
2-Hexanone, T
m/p-Xylenes, T
4-Ethyl-2-Chlorobenzene, T