

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035992.D
 Acq On : 05 Jun 2023 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 06:37:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	195368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	344612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175851	55.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.860%			
35) Dibromofluoromethane	5.379	113	122889	53.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.647	98	434914	52.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.560%			
62) 4-Bromofluorobenzene	11.079	95	180762	55.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107307	50.271	ug/l	99
3) Chloromethane	1.295	50	113025	46.326	ug/l	97
4) Vinyl Chloride	1.374	62	106599	46.513	ug/l	98
5) Bromomethane	1.618	94	65005	43.066	ug/l	98
6) Chloroethane	1.691	64	69023	51.148	ug/l	96
7) Trichlorofluoromethane	1.886	101	158521	49.155	ug/l	97
8) Diethyl Ether	2.130	74	68352	48.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	102664	51.293	ug/l	99
10) Methyl Iodide	2.453	142	94999	40.321	ug/l	99
11) Tert butyl alcohol	3.081	59	134321	238.407	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	94025	47.972	ug/l	96
13) Acrolein	2.246	56	124403	229.228	ug/l	99
14) Allyl chloride	2.666	41	196815	48.848	ug/l	100
15) Acrylonitrile	3.069	53	334654	252.809	ug/l	99
16) Acetone	2.404	43	370480	283.061	ug/l	99
17) Carbon Disulfide	2.514	76	221936	45.189	ug/l	99
18) Methyl Acetate	2.709	43	262634	51.616	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	395299	51.487	ug/l	99
20) Methylene Chloride	2.788	84	117446	46.584	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	104587	46.680	ug/l	98
22) Diisopropyl ether	3.757	45	404488	51.613	ug/l	98
23) Vinyl Acetate	3.721	43	1492757	271.114	ug/l	98
24) 1,1-Dichloroethane	3.605	63	214629	49.378	ug/l	99
25) 2-Butanone	4.568	43	492809	263.069	ug/l	98
26) 2,2-Dichloropropane	4.471	77	180811	54.574	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	127264	47.327	ug/l	99
28) Bromochloromethane	4.898	49	124313	54.615	ug/l	97
29) Tetrahydrofuran	5.019	42	303816	251.674	ug/l	100
30) Chloroform	5.093	83	228413	51.018	ug/l	100
31) Cyclohexane	5.464	56	169861	51.138	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	194864	51.506	ug/l	100
36) 1,1-Dichloropropene	5.690	75	154447	49.975	ug/l	99
37) Ethyl Acetate	4.709	43	186401	54.158	ug/l	99
38) Carbon Tetrachloride	5.672	117	160460	53.279	ug/l	98
39) Methylcyclohexane	7.379	83	173710	53.872	ug/l	99
40) Benzene	6.031	78	447947	48.294	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106846	54.723	ug/l	99
42) 1,2-Dichloroethane	6.080	62	201982	54.990	ug/l	100
43) Isopropyl Acetate	6.336	43	302560	53.463	ug/l	100
44) Trichloroethene	7.123	130	114623	47.638	ug/l	97
45) 1,2-Dichloropropane	7.428	63	124700	51.080	ug/l	95
46) Dibromomethane	7.574	93	87794	51.770	ug/l	100
47) Bromodichloromethane	7.818	83	174377	54.664	ug/l	100
48) Methyl methacrylate	7.690	41	152146	54.821	ug/l	98
49) 1,4-Dioxane	7.745	88	55876	879.082	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	946333	273.945	ug/l	100
52) Toluene	8.714	92	286454	49.123	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	191124	56.677	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	200625	53.877	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	122689	50.499	ug/l	99
56) Ethyl methacrylate	9.116	69	196619	54.130	ug/l	99
57) 1,3-Dichloropropane	9.305	76	213874	51.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	492357	258.692	ug/l	99
59) 2-Hexanone	9.427	43	716661	280.612	ug/l	100
60) Dibromochloromethane	9.519	129	127138	53.906	ug/l	100
61) 1,2-Dibromoethane	9.610	107	129007	51.941	ug/l	100
64) Tetrachloroethene	9.269	164	90982	45.387	ug/l	97
65) Chlorobenzene	10.080	112	309264	48.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	116651	51.529	ug/l	98
67) Ethyl Benzene	10.189	91	568504	49.627	ug/l	98
68) m/p-Xylenes	10.299	106	431477	99.283	ug/l	98
69) o-Xylene	10.640	106	212394	48.634	ug/l	99
70) Styrene	10.653	104	361514	51.231	ug/l	99
71) Bromoform	10.799	173	83666	53.364	ug/l #	99
73) Isopropylbenzene	10.964	105	551371	48.268	ug/l	98
74) N-amyl acetate	10.842	43	266324	53.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	195157	49.944	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	170181m	48.000	ug/l	
77) Bromobenzene	11.195	156	127835	45.253	ug/l	96
78) n-propylbenzene	11.305	91	660111	51.200	ug/l	99
79) 2-Chlorotoluene	11.366	91	409752	48.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	480854	49.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56564	53.738	ug/l	98
82) 4-Chlorotoluene	11.451	91	483775	50.198	ug/l	100
83) tert-Butylbenzene	11.713	119	459669	49.958	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	488906	49.465	ug/l	99
85) sec-Butylbenzene	11.890	105	566689	51.925	ug/l	100
86) p-Isopropyltoluene	12.006	119	487939	52.294	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	251763	48.653	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	257457	47.230	ug/l	100
89) n-Butylbenzene	12.329	91	431658	54.759	ug/l	100
90) Hexachloroethane	12.536	117	77666	52.490	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	249332	48.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44196	54.806	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	146604	48.905	ug/l	99
94) Hexachlorobutadiene	13.725	225	56689	49.713	ug/l	99
95) Naphthalene	13.774	128	526092	50.423	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143946	48.680	ug/l	99

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

