

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039894.D
 Acq On : 22 Jan 2024 19:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63340	50.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.380%			
35) Dibromofluoromethane	5.385	113	47516	52.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	173483	50.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	72343	54.181	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44779	45.938	ug/l	98
3) Chloromethane	1.294	50	49200	44.196	ug/l	99
4) Vinyl Chloride	1.374	62	50333	47.909	ug/l	99
5) Bromomethane	1.599	94	32227	53.761	ug/l	97
6) Chloroethane	1.679	64	32271	54.033	ug/l	98
7) Trichlorofluoromethane	1.886	101	83435	55.053	ug/l	97
8) Diethyl Ether	2.130	74	29697	53.024	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	50799	54.066	ug/l	97
10) Methyl Iodide	2.453	142	54249	54.730	ug/l	95
11) Tert butyl alcohol	2.959	59	90446	275.310	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	48460	53.442	ug/l	94
13) Acrolein	2.233	56	56473	281.396	ug/l	100
14) Allyl chloride	2.660	41	90625	50.779	ug/l	99
15) Acrylonitrile	3.062	53	180675	266.241	ug/l	98
16) Acetone	2.374	43	163113	229.811	ug/l	93
17) Carbon Disulfide	2.514	76	131630	50.505	ug/l	100
18) Methyl Acetate	2.697	43	84942	57.203	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	173199	53.802	ug/l	99
20) Methylene Chloride	2.788	84	55959	52.123	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52162	54.663	ug/l	97
22) Diisopropyl ether	3.757	45	181434	53.271	ug/l	100
23) Vinyl Acetate	3.721	43	855734	270.296	ug/l	100
24) 1,1-Dichloroethane	3.605	63	101245	54.035	ug/l	99
25) 2-Butanone	4.550	43	263422	258.260	ug/l	99
26) 2,2-Dichloropropane	4.477	77	72050	47.912	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60901	55.645	ug/l	96
28) Bromochloromethane	4.897	49	43871	51.654	ug/l	96
29) Tetrahydrofuran	5.001	42	174121	265.222	ug/l	99
30) Chloroform	5.093	83	106383	57.515	ug/l	100
31) Cyclohexane	5.471	56	84622	50.805	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	87523	55.271	ug/l	97
36) 1,1-Dichloropropene	5.690	75	74465	52.843	ug/l	100
37) Ethyl Acetate	4.708	43	98119	52.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	73125	56.658	ug/l	99
39) Methylcyclohexane	7.379	83	86053	50.854	ug/l	99
40) Benzene	6.037	78	217032	54.391	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51223	55.719	ug/l	94
42) 1,2-Dichloroethane	6.086	62	86904	57.286	ug/l	99
43) Isopropyl Acetate	6.336	43	152146	55.170	ug/l	98
44) Trichloroethene	7.123	130	54374	55.602	ug/l	97
45) 1,2-Dichloropropane	7.427	63	58011	54.195	ug/l	98
46) Dibromomethane	7.580	93	42174	57.043	ug/l	97
47) Bromodichloromethane	7.818	83	80710	58.943	ug/l	95
48) Methyl methacrylate	7.690	41	74149	54.701	ug/l	94
49) 1,4-Dioxane	7.653	88	27813	1060.383	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	526298	277.100	ug/l	97
52) Toluene	8.720	92	134805	56.561	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	83516	57.479	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90518	56.656	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56200	55.385	ug/l	93
56) Ethyl methacrylate	9.116	69	92362	56.239	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96546	56.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	197986	255.046	ug/l	96
59) 2-Hexanone	9.427	43	424977	282.715	ug/l	97
60) Dibromochloromethane	9.519	129	58042	60.654	ug/l	96
61) 1,2-Dibromoethane	9.610	107	62023	59.024	ug/l	98
64) Tetrachloroethene	9.275	164	46108	55.441	ug/l	98
65) Chlorobenzene	10.079	112	144036	54.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52135	57.482	ug/l	99
67) Ethyl Benzene	10.189	91	269473	54.492	ug/l	97
68) m/p-Xylenes	10.299	106	199013	109.428	ug/l	94
69) o-Xylene	10.640	106	96809	53.751	ug/l	94
70) Styrene	10.653	104	164036	55.754	ug/l	97
71) Bromoform	10.799	173	41144	60.414	ug/l #	100
73) Isopropylbenzene	10.963	105	264659	49.900	ug/l	100
74) N-amyl acetate	10.842	43	139217	50.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	99421	49.090	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84825m	49.114	ug/l	
77) Bromobenzene	11.195	156	58647	49.662	ug/l	94
78) n-propylbenzene	11.305	91	326952	50.932	ug/l	97
79) 2-Chlorotoluene	11.366	91	191887	48.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228994	50.836	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26467	46.152	ug/l	98
82) 4-Chlorotoluene	11.451	91	226620	50.356	ug/l	99
83) tert-Butylbenzene	11.713	119	217762	50.635	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	229139	50.987	ug/l	99
85) sec-Butylbenzene	11.890	105	290580	52.051	ug/l	98
86) p-Isopropyltoluene	12.006	119	236792	53.071	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114427	50.549	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	118026	50.482	ug/l	99
89) n-Butylbenzene	12.329	91	229161	53.177	ug/l	96
90) Hexachloroethane	12.536	117	40493	53.796	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114752	51.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26236	52.865	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71240	52.090	ug/l	98
94) Hexachlorobutadiene	13.725	225	29445	51.793	ug/l	97
95) Naphthalene	13.774	128	249021	49.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69164	50.109	ug/l	99

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

