

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028093.D
 Acq On : 13 Apr 2022 16:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 04:06:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	307492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127356	50.360	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.720%			
35) Dibromofluoromethane	5.391	113	103939	51.585	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.180%			
50) Toluene-d8	8.653	98	392173	52.187	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.085	95	144069	51.346	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	89570	49.489	ug/l	100
3) Chloromethane	1.288	50	109641	54.737	ug/l	99
4) Vinyl Chloride	1.374	62	135524	56.278	ug/l	100
5) Bromomethane	1.605	94	154021	60.752	ug/l	97
6) Chloroethane	1.679	64	117916	59.043	ug/l	97
7) Trichlorofluoromethane	1.886	101	326628	69.160	ug/l	97
8) Diethyl Ether	2.136	74	114195	63.095	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	93487	49.757	ug/l	97
10) Methyl Iodide	2.453	142	109918	50.237	ug/l	97
11) Tert butyl alcohol	2.971	59	144253	245.739	ug/l	100
12) 1,1-Dichloroethene	2.319	96	92137	50.077	ug/l	99
13) Acrolein	2.233	56	86093	277.596	ug/l	100
14) Allyl chloride	2.666	41	155859	47.864	ug/l	88
15) Acrylonitrile	3.063	53	300790	247.279	ug/l	98
16) Acetone	2.380	43	252367	239.518	ug/l	92
17) Carbon Disulfide	2.514	76	237506	49.121	ug/l	100
18) Methyl Acetate	2.703	43	137042	48.743	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	358475	51.878	ug/l	98
20) Methylene Chloride	2.788	84	105616	50.326	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	107324	48.694	ug/l	97
22) Diisopropyl ether	3.764	45	354336	50.709	ug/l	89
23) Vinyl Acetate	3.727	43	1609080	259.151	ug/l	95
24) 1,1-Dichloroethane	3.611	63	192539	50.900	ug/l	100
25) 2-Butanone	4.556	43	444508	244.066	ug/l	95
26) 2,2-Dichloropropane	4.477	77	170389	48.519	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	125273	50.423	ug/l	98
28) Bromochloromethane	4.904	49	78249	48.125	ug/l	92
29) Tetrahydrofuran	5.007	42	295359	248.120	ug/l	91
30) Chloroform	5.099	83	211178	50.204	ug/l	94
31) Cyclohexane	5.471	56	168518	48.463	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	188495	49.477	ug/l	98
36) 1,1-Dichloropropene	5.696	75	148691	48.352	ug/l	99
37) Ethyl Acetate	4.715	43	177770	49.624	ug/l	96
38) Carbon Tetrachloride	5.678	117	164840	50.210	ug/l	99
39) Methylcyclohexane	7.385	83	178987	49.238	ug/l	98
40) Benzene	6.044	78	446309	49.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90834	47.660	ug/l	94
42) 1,2-Dichloroethane	6.092	62	169553	50.214	ug/l	98
43) Isopropyl Acetate	6.342	43	291104	48.776	ug/l	93
44) Trichloroethene	7.129	130	120399	50.633	ug/l	93
45) 1,2-Dichloropropane	7.434	63	111157	49.326	ug/l	100
46) Dibromomethane	7.586	93	82597	49.683	ug/l	95
47) Bromodichloromethane	7.824	83	159473	49.633	ug/l	98
48) Methyl methacrylate	7.696	41	132223	48.531	ug/l #	84
49) 1,4-Dioxane	7.671	88	64608	1062.234	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	916219	240.779	ug/l	91
52) Toluene	8.720	92	295230	49.487	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	182981	50.419	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	188243	50.008	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	117312	48.507	ug/l	94
56) Ethyl methacrylate	9.116	69	189136	49.753	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	199893	49.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	441463	257.291	ug/l	100
59) 2-Hexanone	9.433	43	717798	240.857	ug/l	88
60) Dibromochloromethane	9.525	129	128127	49.560	ug/l	95
61) 1,2-Dibromoethane	9.610	107	131509	49.928	ug/l	99
64) Tetrachloroethene	9.275	164	112803	49.595	ug/l	98
65) Chlorobenzene	10.080	112	314311	50.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	119317	51.627	ug/l	98
67) Ethyl Benzene	10.195	91	572392	51.965	ug/l	98
68) m/p-Xylenes	10.305	106	459241	99.846	ug/l	100
69) o-Xylene	10.640	106	223607	50.013	ug/l	99
70) Styrene	10.659	104	374320	43.155	ug/l	98
71) Bromoform	10.805	173	94767	43.108	ug/l	98
73) Isopropylbenzene	10.964	105	580431	50.023	ug/l	100
74) N-amyl acetate	10.842	43	263061	52.458	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	196535	48.484	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	181066m	49.795	ug/l	
77) Bromobenzene	11.201	156	144296	50.906	ug/l	94
78) n-propylbenzene	11.305	91	689135	51.103	ug/l	100
79) 2-Chlorotoluene	11.366	91	403676	49.362	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	522823	52.161	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	65688	50.879	ug/l	93
82) 4-Chlorotoluene	11.457	91	489116	50.806	ug/l	98
83) tert-Butylbenzene	11.719	119	500087	51.567	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	510884	52.061	ug/l	99
85) sec-Butylbenzene	11.890	105	621667	50.226	ug/l	99
86) p-Isopropyltoluene	12.012	119	537032	51.205	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	274955	49.782	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	293327	50.628	ug/l	99
89) n-Butylbenzene	12.335	91	464476	51.741	ug/l	98
90) Hexachloroethane	12.543	117	89452	50.763	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	281333	50.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47021	52.726	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	167580	54.303	ug/l	98
94) Hexachlorobutadiene	13.725	225	63813	51.245	ug/l	92
95) Naphthalene	13.774	128	606879	56.306	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168514	55.177	ug/l	96

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

