

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029039.D
 Acq On : 27 May 2022 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 27 22:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	266101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162056	44.428	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.860%		
35) Dibromofluoromethane	5.391	113	143491	50.040	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.080%		
50) Toluene-d8	8.653	98	504345	46.650	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.085	95	201259	49.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135931	39.012	ug/l	98
3) Chloromethane	1.288	50	123038	37.495	ug/l	99
4) Vinyl Chloride	1.374	62	136931	38.722	ug/l	99
5) Bromomethane	1.599	94	116708	46.258	ug/l	98
6) Chloroethane	1.678	64	94017	41.847	ug/l	100
7) Trichlorofluoromethane	1.880	101	218947	38.835	ug/l	99
8) Diethyl Ether	2.136	74	88961	43.304	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	130936	44.133	ug/l	99
10) Methyl Iodide	2.453	142	137040	38.581	ug/l	97
11) Tert butyl alcohol	3.001	59	202893	262.499	ug/l	95
12) 1,1-Dichloroethene	2.319	96	120283	43.676	ug/l	95
13) Acrolein	2.239	56	79818	133.315	ug/l	97
14) Allyl chloride	2.666	41	195287	44.212	ug/l	97
15) Acrylonitrile	3.068	53	413297	235.170	ug/l	99
16) Acetone	2.380	43	342410	218.726	ug/l	94
17) Carbon Disulfide	2.508	76	232752	32.603	ug/l	99
18) Methyl Acetate	2.703	43	190814	48.666	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	484105	49.535	ug/l	99
20) Methylene Chloride	2.788	84	146170	44.506	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	132699	42.777	ug/l	97
22) Diisopropyl ether	3.763	45	444061	47.044	ug/l	94
23) Vinyl Acetate	3.721	43	1861164	228.718	ug/l	99
24) 1,1-Dichloroethane	3.611	63	254456	46.370	ug/l	100
25) 2-Butanone	4.556	43	556886	226.626	ug/l	98
26) 2,2-Dichloropropane	4.477	77	176938	41.123	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	167750	46.300	ug/l	95
28) Bromochloromethane	4.903	49	100267	43.409	ug/l	98
29) Tetrahydrofuran	5.007	42	356327	223.085	ug/l	95
30) Chloroform	5.099	83	282099	47.500	ug/l	97
31) Cyclohexane	5.470	56	201113	39.721	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	244356	47.130	ug/l	98
36) 1,1-Dichloropropene	5.696	75	184013	42.724	ug/l	98
37) Ethyl Acetate	4.714	43	211630	47.044	ug/l	99
38) Carbon Tetrachloride	5.684	117	208184	48.030	ug/l	99
39) Methylcyclohexane	7.385	83	216900	43.913	ug/l	96
40) Benzene	6.043	78	576538	46.577	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	117662	48.781	ug/l	95
42) 1,2-Dichloroethane	6.092	62	210916	46.195	ug/l	99
43) Isopropyl Acetate	6.342	43	336581	47.824	ug/l	98
44) Trichloroethene	7.129	130	161121	47.995	ug/l	96
45) 1,2-Dichloropropane	7.433	63	150883	48.856	ug/l	95
46) Dibromomethane	7.580	93	110130	47.751	ug/l	97
47) Bromodichloromethane	7.824	83	214763	50.155	ug/l	98
48) Methyl methacrylate	7.696	41	164099	48.268	ug/l	94
49) 1,4-Dioxane	7.671	88	77973	918.054	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1109081	239.246	ug/l	97
52) Toluene	8.720	92	380954	47.843	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	219307	44.674	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	237700	49.335	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	167049	51.448	ug/l	98
56) Ethyl methacrylate	9.116	69	252763	51.406	ug/l	94
57) 1,3-Dichloropropane	9.311	76	271067	49.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	567724	235.837	ug/l	97
59) 2-Hexanone	9.433	43	851083	236.304	ug/l	96
60) Dibromochloromethane	9.525	129	170217	53.753	ug/l	96
61) 1,2-Dibromoethane	9.610	107	171218	50.207	ug/l	99
64) Tetrachloroethene	9.275	164	143340	47.601	ug/l	98
65) Chlorobenzene	10.079	112	421646	49.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	163683	54.622	ug/l	99
67) Ethyl Benzene	10.195	91	742659	48.980	ug/l	99
68) m/p-Xylenes	10.305	106	578464	97.991	ug/l	99
69) o-Xylene	10.646	106	288227	49.591	ug/l	99
70) Styrene	10.659	104	488621	51.769	ug/l	99
71) Bromoform	10.805	173	122408	49.319	ug/l #	99
73) Isopropylbenzene	10.963	105	765440	47.676	ug/l	99
74) N-amyl acetate	10.848	43	288634	45.734	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	266142	48.320	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	236846m	47.770	ug/l	
77) Bromobenzene	11.201	156	186341	49.052	ug/l	98
78) n-propylbenzene	11.305	91	865417	46.599	ug/l	100
79) 2-Chlorotoluene	11.366	91	534532	46.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	649138	48.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	70168	42.822	ug/l	92
82) 4-Chlorotoluene	11.457	91	612174	46.521	ug/l	99
83) tert-Butylbenzene	11.719	119	663689	51.240	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	654818	48.811	ug/l	100
85) sec-Butylbenzene	11.890	105	800185	50.083	ug/l	99
86) p-Isopropyltoluene	12.012	119	684736	51.073	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	360338	48.360	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	363453	47.027	ug/l	98
89) n-Butylbenzene	12.335	91	566342	48.754	ug/l	99
90) Hexachloroethane	12.542	117	110799	51.105	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	366078	50.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59208	50.343	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	228825	54.126	ug/l	98
94) Hexachlorobutadiene	13.725	225	94380	54.952	ug/l	92
95) Naphthalene	13.780	128	812499	54.007	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	230469	54.277	ug/l	96

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

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