

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028795.D
 Acq On : 18 May 2022 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 19 01:31:06 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	5.550	168	211987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136376	46.932	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	112236	49.428	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.860%		
50) Toluene-d8	8.647	98	491028	57.357	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	114.720%		
62) 4-Bromofluorobenzene	11.079	95	199908	62.518	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126831	45.692	ug/l	100
3) Chloromethane	1.288	50	120061	45.928	ug/l	99
4) Vinyl Chloride	1.374	62	133768	47.484	ug/l	99
5) Bromomethane	1.599	94	89615	44.361	ug/l	98
6) Chloroethane	1.679	64	90517	51.054	ug/l	98
7) Trichlorofluoromethane	1.886	101	259540	57.786	ug/l	98
8) Diethyl Ether	2.130	74	84988	51.931	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	116471	49.279	ug/l	96
10) Methyl Iodide	2.453	142	135022	47.717	ug/l	95
11) Tert butyl alcohol	2.983	59	129874	209.302	ug/l	99
12) 1,1-Dichloroethene	2.319	96	108441	49.427	ug/l	96
13) Acrolein	2.233	56	107383	225.140	ug/l	98
14) Allyl chloride	2.660	41	167648	47.643	ug/l	90
15) Acrylonitrile	3.062	53	324201	231.564	ug/l	98
16) Acetone	2.380	43	277201	222.273	ug/l	92
17) Carbon Disulfide	2.508	76	262109	46.087	ug/l	99
18) Methyl Acetate	2.703	43	148028	47.391	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	383642	49.276	ug/l	99
20) Methylene Chloride	2.788	84	123202	47.088	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	117887	47.703	ug/l	99
22) Diisopropyl ether	3.757	45	363626	48.356	ug/l #	85
23) Vinyl Acetate	3.721	43	1593825	245.863	ug/l	96
24) 1,1-Dichloroethane	3.605	63	211511	48.383	ug/l	99
25) 2-Butanone	4.556	43	444337	226.983	ug/l	97
26) 2,2-Dichloropropane	4.477	77	167786	48.951	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	137893	47.775	ug/l	100
28) Bromochloromethane	4.891	49	84537	45.942	ug/l	95
29) Tetrahydrofuran	5.001	42	289233	227.304	ug/l	93
30) Chloroform	5.093	83	230262	48.669	ug/l	99
31) Cyclohexane	5.471	56	188302	46.685	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	202046	48.917	ug/l	99
36) 1,1-Dichloropropene	5.690	75	168535	49.416	ug/l	100
37) Ethyl Acetate	4.708	43	175861	49.368	ug/l	97
38) Carbon Tetrachloride	5.678	117	175636	51.172	ug/l	98
39) Methylcyclohexane	7.379	83	201709	51.571	ug/l	96
40) Benzene	6.037	78	487483	49.734	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	93878	49.151	ug/l	94
42) 1,2-Dichloroethane	6.086	62	182149	50.380	ug/l	98
43) Isopropyl Acetate	6.336	43	277704	49.830	ug/l	95
44) Trichloroethene	7.123	130	134483	50.589	ug/l	93
45) 1,2-Dichloropropane	7.427	63	123316	50.425	ug/l	98
46) Dibromomethane	7.580	93	92591	50.698	ug/l	94
47) Bromodichloromethane	7.824	83	176710	52.116	ug/l	98
48) Methyl methacrylate	7.690	41	137038	50.903	ug/l	86
49) 1,4-Dioxane	7.665	88	59827	889.553	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1042133	283.893	ug/l	94
52) Toluene	8.720	92	370554	58.768	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	217446	55.524	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218186	57.188	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	146327	56.912	ug/l	99
56) Ethyl methacrylate	9.116	69	229828	59.028	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	260416	60.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	546741	286.818	ug/l	98
59) 2-Hexanone	9.433	43	834740	292.686	ug/l	91
60) Dibromochloromethane	9.525	129	165615	66.047	ug/l	97
61) 1,2-Dibromoethane	9.610	107	167002	61.842	ug/l	99
64) Tetrachloroethene	9.275	164	152858	52.021	ug/l	98
65) Chlorobenzene	10.079	112	409045	49.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	157720	53.937	ug/l	97
67) Ethyl Benzene	10.195	91	751386	50.784	ug/l	99
68) m/p-Xylenes	10.305	106	582041	101.042	ug/l	97
69) o-Xylene	10.640	106	282743	49.854	ug/l	95
70) Styrene	10.659	104	479302	52.041	ug/l	96
71) Bromoform	10.799	173	115986	47.943	ug/l	98
73) Isopropylbenzene	10.963	105	758873	49.138	ug/l	99
74) N-amyl acetate	10.841	43	294838	48.567	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	249727	47.135	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	230167m	48.261	ug/l	
77) Bromobenzene	11.201	156	179619	49.155	ug/l	96
78) n-propylbenzene	11.305	91	879381	49.226	ug/l	100
79) 2-Chlorotoluene	11.366	91	537756	49.115	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	656429	51.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69858	44.185	ug/l #	83
82) 4-Chlorotoluene	11.457	91	628996	49.693	ug/l	99
83) tert-Butylbenzene	11.713	119	636516	51.088	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	657397	50.944	ug/l	98
85) sec-Butylbenzene	11.890	105	784638	51.055	ug/l	100
86) p-Isopropyltoluene	12.012	119	682724	52.940	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	351795	49.083	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	358649	48.243	ug/l	98
89) n-Butylbenzene	12.335	91	581618	52.052	ug/l	99
90) Hexachloroethane	12.542	117	107636	51.612	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	352558	50.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60608	53.575	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	195020	47.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	71266	43.137	ug/l	95
95) Naphthalene	13.774	128	631194	43.617	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	175460	42.959	ug/l	96

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

