

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028775.D
 Acq On : 17 May 2022 21:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:56:59 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	231634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163947	51.634	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.260%			
35) Dibromofluoromethane	5.385	113	135857	52.272	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.540%			
50) Toluene-d8	8.653	98	533283	54.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.840%			
62) 4-Bromofluorobenzene	11.079	95	217800	59.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143682	47.373	ug/l	100
3) Chloromethane	1.288	50	132252	46.301	ug/l	99
4) Vinyl Chloride	1.374	62	144551	46.959	ug/l	100
5) Bromomethane	1.599	94	90127	40.335	ug/l	100
6) Chloroethane	1.679	64	94210	48.521	ug/l	97
7) Trichlorofluoromethane	1.886	101	233231	47.524	ug/l	97
8) Diethyl Ether	2.130	74	91094	50.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	119181	46.148	ug/l	97
10) Methyl Iodide	2.453	142	153278	49.574	ug/l	93
11) Tert butyl alcohol	2.965	59	166230	246.582	ug/l	100
12) 1,1-Dichloroethene	2.319	96	117986	49.216	ug/l	99
13) Acrolein	2.233	56	109397	209.908	ug/l	98
14) Allyl chloride	2.666	41	189794	49.362	ug/l	90
15) Acrylonitrile	3.062	53	375916	245.728	ug/l	99
16) Acetone	2.380	43	324218	237.922	ug/l	92
17) Carbon Disulfide	2.508	76	295351	47.527	ug/l	99
18) Methyl Acetate	2.703	43	171167	50.151	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	441169	51.858	ug/l	99
20) Methylene Chloride	2.788	84	135234	47.303	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	129144	47.825	ug/l	99
22) Diisopropyl ether	3.764	45	408055	49.662	ug/l	93
23) Vinyl Acetate	3.721	43	1802419	254.458	ug/l	96
24) 1,1-Dichloroethane	3.611	63	235661	49.335	ug/l	99
25) 2-Butanone	4.556	43	519227	242.743	ug/l	96
26) 2,2-Dichloropropane	4.477	77	166085	44.345	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	151085	47.905	ug/l	99
28) Bromochloromethane	4.904	49	96737	48.113	ug/l	95
29) Tetrahydrofuran	5.007	42	332592	239.209	ug/l	94
30) Chloroform	5.099	83	253115	48.961	ug/l	100
31) Cyclohexane	5.471	56	205640	46.659	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	225920	50.058	ug/l	99
36) 1,1-Dichloropropene	5.690	75	181034	46.375	ug/l	99
37) Ethyl Acetate	4.715	43	202616	49.693	ug/l	97
38) Carbon Tetrachloride	5.678	117	193161	49.168	ug/l	99
39) Methylcyclohexane	7.385	83	211825	47.316	ug/l	94
40) Benzene	6.037	78	536061	47.781	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106864	48.882	ug/l	94
42) 1,2-Dichloroethane	6.092	62	200652	48.487	ug/l	98
43) Isopropyl Acetate	6.342	43	323736	50.752	ug/l	95
44) Trichloroethene	7.129	130	146907	48.282	ug/l	95
45) 1,2-Dichloropropane	7.434	63	136900	48.908	ug/l	97
46) Dibromomethane	7.580	93	101865	48.730	ug/l	93
47) Bromodichloromethane	7.824	83	194153	50.027	ug/l	98
48) Methyl methacrylate	7.696	41	155859	50.581	ug/l	86
49) 1,4-Dioxane	7.659	88	67915	882.248	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1103307	262.590	ug/l	94
52) Toluene	8.720	92	346646	48.032	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204876	45.996	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	219884	50.352	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	143869	48.887	ug/l	97
56) Ethyl methacrylate	9.116	69	231226	51.885	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	241246	48.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	559370	256.374	ug/l	99
59) 2-Hexanone	9.433	43	814340	249.463	ug/l	91
60) Dibromochloromethane	9.525	129	150421	52.410	ug/l	96
61) 1,2-Dibromoethane	9.610	107	155454	50.294	ug/l	100
64) Tetrachloroethene	9.275	164	133564	48.270	ug/l	96
65) Chlorobenzene	10.079	112	380626	48.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	141133	51.254	ug/l	99
67) Ethyl Benzene	10.195	91	682740	49.002	ug/l	99
68) m/p-Xylenes	10.305	106	530052	97.716	ug/l	99
69) o-Xylene	10.646	106	264163	49.463	ug/l	100
70) Styrene	10.659	104	444531	51.255	ug/l	98
71) Bromoform	10.799	173	109232	47.948	ug/l #	99
73) Isopropylbenzene	10.963	105	747822	52.386	ug/l	98
74) N-amyl acetate	10.841	43	310810	55.388	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	253910	51.847	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	239830m	54.403	ug/l	
77) Bromobenzene	11.201	156	181692	53.792	ug/l	94
78) n-propylbenzene	11.305	91	864825	52.374	ug/l	100
79) 2-Chlorotoluene	11.366	91	517826	51.165	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	597888	50.264	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69302	47.138	ug/l #	85
82) 4-Chlorotoluene	11.457	91	560597	47.914	ug/l	99
83) tert-Butylbenzene	11.713	119	572633	49.722	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	581224	48.728	ug/l	100
85) sec-Butylbenzene	11.890	105	697548	49.102	ug/l	100
86) p-Isopropyltoluene	12.012	119	587798	49.310	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	316693	47.802	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	317147	46.152	ug/l	98
89) n-Butylbenzene	12.335	91	499652	48.376	ug/l	98
90) Hexachloroethane	12.542	117	98908	51.308	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	314116	48.264	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52417	50.126	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	180815	48.102	ug/l	99
94) Hexachlorobutadiene	13.725	225	72018	47.160	ug/l	94
95) Naphthalene	13.774	128	679119	50.770	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	182224	48.266	ug/l	95

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

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