

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028017.D
 Acq On : 08 Apr 2022 11:00
 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 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 11 01:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56647	57.550	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.100%			
35) Dibromofluoromethane	5.385	113	37489	50.689	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.380%			
50) Toluene-d8	8.647	98	133899	50.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.085	95	59817	53.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51318	55.924	ug/l	98
3) Chloromethane	1.288	50	39233	54.466	ug/l	99
4) Vinyl Chloride	1.374	62	42820	56.978	ug/l	98
5) Bromomethane	1.599	94	18661	56.597	ug/l	100
6) Chloroethane	1.678	64	24552	55.466	ug/l	99
7) Trichlorofluoromethane	1.886	101	66771	53.329	ug/l	99
8) Diethyl Ether	2.130	74	22271	54.679	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	40360	53.939	ug/l	97
10) Methyl Iodide	2.453	142	47587	51.485	ug/l	90
11) Tert butyl alcohol	2.965	59	46898	270.414	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37867	53.799	ug/l	98
13) Acrolein	2.233	56	44652	281.581	ug/l	98
14) Allyl chloride	2.660	41	66934	57.469	ug/l	# 89
15) Acrylonitrile	3.062	53	114937	275.866	ug/l	97
16) Acetone	2.373	43	97037	275.418	ug/l	92
17) Carbon Disulfide	2.508	76	98178	64.237	ug/l	99
18) Methyl Acetate	2.703	43	54697	53.441	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	131199	54.519	ug/l	98
20) Methylene Chloride	2.788	84	41859	55.519	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	39070	55.436	ug/l	94
22) Diisopropyl ether	3.757	45	130421	54.490	ug/l	# 80
23) Vinyl Acetate	3.721	43	590491	281.112	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	74128	54.384	ug/l	94
25) 2-Butanone	4.550	43	172180	269.573	ug/l	# 88
26) 2,2-Dichloropropane	4.477	77	56788	51.110	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	42903	52.353	ug/l	87
28) Bromochloromethane	4.897	49	31979	55.695	ug/l	# 80
29) Tetrahydrofuran	5.001	42	110977	273.966	ug/l	# 83
30) Chloroform	5.092	83	79572	53.759	ug/l	96
31) Cyclohexane	5.470	56	67389	56.473	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	69581	53.540	ug/l	95
36) 1,1-Dichloropropene	5.690	75	57477	52.853	ug/l	96
37) Ethyl Acetate	4.714	43	65528	51.316	ug/l	94
38) Carbon Tetrachloride	5.678	117	59867	50.860	ug/l	97
39) Methylcyclohexane	7.379	83	64718	51.362	ug/l	# 86
40) Benzene	6.037	78	154862	51.008	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36346	54.145	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	72165	56.172	ug/l	90
43) Isopropyl Acetate	6.336	43	104717	54.429	ug/l #	89
44) Trichloroethene	7.129	130	39754	48.866	ug/l	85
45) 1,2-Dichloropropane	7.433	63	41045	54.091	ug/l	99
46) Dibromomethane	7.580	93	30998	50.850	ug/l #	86
47) Bromodichloromethane	7.824	83	61518	55.005	ug/l	97
48) Methyl methacrylate	7.696	41	53130	54.166	ug/l #	76
49) 1,4-Dioxane	7.659	88	19433	1022.355	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	345062	274.990	ug/l	87
52) Toluene	8.720	92	97095	49.819	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	60633	54.483	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	64778	54.060	ug/l #	76
55) 1,1,2-Trichloroethane	9.153	97	39986	52.027	ug/l	94
56) Ethyl methacrylate	9.116	69	65808	54.378	ug/l #	68
57) 1,3-Dichloropropane	9.311	76	68575	52.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	165004	289.868	ug/l	93
59) 2-Hexanone	9.433	43	269581	269.191	ug/l	82
60) Dibromochloromethane	9.525	129	43071	54.181	ug/l	95
61) 1,2-Dibromoethane	9.610	107	43675	50.953	ug/l	100
64) Tetrachloroethene	9.275	164	37303	49.520	ug/l	94
65) Chlorobenzene	10.079	112	102980	48.225	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38714	49.361	ug/l	99
67) Ethyl Benzene	10.195	91	200876	51.219	ug/l	98
68) m/p-Xylenes	10.305	106	150545	102.388	ug/l	87
69) o-Xylene	10.640	106	75050	51.971	ug/l	89
70) Styrene	10.659	104	129087	53.761	ug/l	93
71) Bromoform	10.799	173	32159	55.648	ug/l #	98
73) Isopropylbenzene	10.963	105	203861	47.272	ug/l	98
74) N-amyl acetate	10.841	43	88053	46.581	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	66643	46.175	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64060m	46.943	ug/l	
77) Bromobenzene	11.201	156	47261	46.442	ug/l	89
78) n-propylbenzene	11.305	91	247859	48.206	ug/l	98
79) 2-Chlorotoluene	11.366	91	149851	47.321	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	180338	48.728	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18499	44.664	ug/l #	74
82) 4-Chlorotoluene	11.457	91	177103	48.053	ug/l	96
83) tert-Butylbenzene	11.719	119	166960	48.467	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	181309	48.828	ug/l	96
85) sec-Butylbenzene	11.890	105	216099	49.735	ug/l	98
86) p-Isopropyltoluene	12.012	119	179829	49.412	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	92523	48.640	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	92537	47.147	ug/l	96
89) n-Butylbenzene	12.335	91	160489	49.064	ug/l	96
90) Hexachloroethane	12.542	117	28269	51.418	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	89796	48.572	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16723	45.796	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	55923	49.433	ug/l	98
94) Hexachlorobutadiene	13.725	225	24375	46.207	ug/l	95
95) Naphthalene	13.780	128	191014	49.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54677	49.157	ug/l	96

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

