

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027796.D
 Acq On : 30 Mar 2022 00:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 05:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51857	54.736	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.480%			
35) Dibromofluoromethane	5.385	113	37278	48.936	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.880%			
50) Toluene-d8	8.653	98	125368	46.775	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.540%			
62) 4-Bromofluorobenzene	11.085	95	52556	46.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36920	55.490	ug/l	99
3) Chloromethane	1.295	50	29709	50.529	ug/l	100
4) Vinyl Chloride	1.374	62	30913	51.266	ug/l	97
5) Bromomethane	1.599	94	13742	50.542	ug/l	98
6) Chloroethane	1.679	64	19685	48.429	ug/l	98
7) Trichlorofluoromethane	1.886	101	54065	51.112	ug/l	95
8) Diethyl Ether	2.136	74	20227	53.273	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	35754	52.002	ug/l	97
10) Methyl Iodide	2.453	142	40838	51.147	ug/l #	90
11) Tert butyl alcohol	2.965	59	48308	265.450	ug/l	99
12) 1,1-Dichloroethene	2.319	96	31598	50.089	ug/l	93
13) Acrolein	2.233	56	37720	276.741	ug/l	97
14) Allyl chloride	2.666	41	58832	50.796	ug/l #	91
15) Acrylonitrile	3.062	53	117286	274.472	ug/l	99
16) Acetone	2.380	43	108897	259.718	ug/l	90
17) Carbon Disulfide	2.508	76	60682	47.023	ug/l	100
18) Methyl Acetate	2.703	43	54000	52.245	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	127660	53.115	ug/l	99
20) Methylene Chloride	2.788	84	37102	49.195	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	34556	50.468	ug/l	95
22) Diisopropyl ether	3.764	45	127515	54.937	ug/l #	85
23) Vinyl Acetate	3.727	43	564790	281.638	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	67900	51.998	ug/l	98
25) 2-Butanone	4.556	43	149570	245.157	ug/l	95
26) 2,2-Dichloropropane	4.483	77	43544	41.751	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	42223	51.139	ug/l	94
28) Bromochloromethane	4.904	49	26931	47.948	ug/l	98
29) Tetrahydrofuran	5.007	42	98196	250.564	ug/l	91
30) Chloroform	5.099	83	71720	49.407	ug/l	100
31) Cyclohexane	5.471	56	53583	51.164	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	64154	51.092	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51032	53.189	ug/l	98
37) Ethyl Acetate	4.715	43	56101	47.166	ug/l	99
38) Carbon Tetrachloride	5.684	117	58180	54.886	ug/l	94
39) Methylcyclohexane	7.385	83	54160	47.970	ug/l	91
40) Benzene	6.044	78	147360	50.681	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31479	49.756	ug/l	93
42) 1,2-Dichloroethane	6.092	62	67537	58.130	ug/l	92
43) Isopropyl Acetate	6.342	43	106076	55.679	ug/l #	90
44) Trichloroethene	7.129	130	39475	49.958	ug/l	88
45) 1,2-Dichloropropane	7.434	63	39913	51.097	ug/l	99
46) Dibromomethane	7.580	93	29772	50.643	ug/l #	88
47) Bromodichloromethane	7.824	83	58775	50.199	ug/l	100
48) Methyl methacrylate	7.696	41	53520	53.567	ug/l #	77
49) 1,4-Dioxane	7.659	88	20289	1028.707	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	350446	265.170	ug/l	88
52) Toluene	8.720	92	92058	50.265	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58671	50.000	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	62415	50.513	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	40411	49.747	ug/l	97
56) Ethyl methacrylate	9.116	69	67571	52.522	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	69377	50.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	159442	248.233	ug/l	95
59) 2-Hexanone	9.433	43	269797	265.129	ug/l	84
60) Dibromochloromethane	9.525	129	42626	50.609	ug/l	97
61) 1,2-Dibromoethane	9.610	107	42327	49.867	ug/l	100
64) Tetrachloroethene	9.275	164	36112	51.241	ug/l	94
65) Chlorobenzene	10.080	112	100155	48.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39761	51.766	ug/l	97
67) Ethyl Benzene	10.195	91	186317	50.161	ug/l	99
68) m/p-Xylenes	10.305	106	136264	99.746	ug/l	88
69) o-Xylene	10.647	106	67504	50.590	ug/l	87
70) Styrene	10.659	104	114227	50.366	ug/l #	92
71) Bromoform	10.805	173	28925	47.133	ug/l #	99
73) Isopropylbenzene	10.964	105	184629	49.520	ug/l	98
74) N-amyl acetate	10.842	43	87414	52.051	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	65044	51.376	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	61755m	52.572	ug/l	
77) Bromobenzene	11.201	156	42416	49.900	ug/l	84
78) n-propylbenzene	11.305	91	217575	48.846	ug/l	98
79) 2-Chlorotoluene	11.366	91	134285	47.972	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	158595	49.022	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17588	45.363	ug/l #	74
82) 4-Chlorotoluene	11.457	91	156127	48.603	ug/l	95
83) tert-Butylbenzene	11.719	119	150138	47.993	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	161022	49.917	ug/l	95
85) sec-Butylbenzene	11.890	105	189038	48.965	ug/l	98
86) p-Isopropyltoluene	12.012	119	158740	49.432	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	79663	47.610	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	80382	46.633	ug/l	96
89) n-Butylbenzene	12.335	91	142107	49.214	ug/l	95
90) Hexachloroethane	12.543	117	25421	49.293	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	80043	48.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16315	53.531	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	47464	46.959	ug/l	97
94) Hexachlorobutadiene	13.725	225	20972	47.008	ug/l	96
95) Naphthalene	13.774	128	181746	51.499	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48818	49.301	ug/l	94

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

