

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025210.D
 Acq On : 18 Nov 2021 13:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 19 08:11:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57795	52.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.660%			
35) Dibromofluoromethane	5.391	113	53077	54.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.560%			
50) Toluene-d8	8.653	98	200501	55.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.080%			
62) 4-Bromofluorobenzene	11.085	95	75062	54.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55479	61.672	ug/l	98
3) Chloromethane	1.294	50	58331	52.369	ug/l	98
4) Vinyl Chloride	1.374	62	68362	55.901	ug/l	99
5) Bromomethane	1.593	94	27000	51.353	ug/l	97
6) Chloroethane	1.679	64	43016	50.979	ug/l	100
7) Trichlorofluoromethane	1.880	101	104534	57.591	ug/l	98
8) Diethyl Ether	2.136	74	39171	52.292	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	53255	55.142	ug/l	97
10) Methyl Iodide	2.447	142	71015	58.808	ug/l	92
11) Tert butyl alcohol	2.971	59	73547	272.616	ug/l	98
12) 1,1-Dichloroethene	2.313	96	52162	54.231	ug/l	88
13) Acrolein	2.233	56	14865	296.629	ug/l	97
14) Allyl chloride	2.660	41	89715	51.538	ug/l	94
15) Acrylonitrile	3.069	53	161256	274.710	ug/l	98
16) Acetone	2.386	43	156085	256.792	ug/l	95
17) Carbon Disulfide	2.508	76	137157	50.691	ug/l	98
18) Methyl Acetate	2.703	43	102290	52.672	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	178531	53.271	ug/l	99
20) Methylene Chloride	2.788	84	58313	51.035	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	56192	53.328	ug/l	88
22) Diisopropyl ether	3.764	45	174924	52.766	ug/l	97
23) Vinyl Acetate	3.727	43	711070	267.029	ug/l	96
24) 1,1-Dichloroethane	3.611	63	96766	53.420	ug/l	96
25) 2-Butanone	4.556	43	233535	265.747	ug/l	99
26) 2,2-Dichloropropane	4.477	77	87351	53.190	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	66275	53.860	ug/l	89
28) Bromochloromethane	4.897	49	38539	45.627	ug/l	92
29) Tetrahydrofuran	5.007	42	144702	265.936	ug/l	97
30) Chloroform	5.099	83	100838	53.492	ug/l	98
31) Cyclohexane	5.471	56	89633	53.025	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	92814	53.778	ug/l	97
36) 1,1-Dichloropropene	5.696	75	75273	54.633	ug/l	96
37) Ethyl Acetate	4.715	43	85190	54.345	ug/l	98
38) Carbon Tetrachloride	5.678	117	84569	55.728	ug/l	99
39) Methylcyclohexane	7.379	83	98479	55.723	ug/l	93
40) Benzene	6.037	78	225733	54.084	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46720	53.697	ug/l	96
42) 1,2-Dichloroethane	6.092	62	75461	55.565	ug/l	93
43) Isopropyl Acetate	6.342	43	140423	53.827	ug/l	97
44) Trichloroethene	7.129	130	67607	55.760	ug/l	91
45) 1,2-Dichloropropane	7.434	63	56857	55.465	ug/l	98
46) Dibromomethane	7.580	93	41390	55.619	ug/l	93
47) Bromodichloromethane	7.824	83	80924	55.336	ug/l	98
48) Methyl methacrylate	7.696	41	65047	53.127	ug/l	95
49) 1,4-Dioxane	7.659	88	30175	1167.061	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	454105	277.595	ug/l	98
52) Toluene	8.720	92	149680	54.931	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	90436	55.609	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96326	54.643	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61219	56.527	ug/l	96
56) Ethyl methacrylate	9.116	69	97685	55.581	ug/l	94
57) 1,3-Dichloropropane	9.311	76	99205	55.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	214518	262.350	ug/l	95
59) 2-Hexanone	9.433	43	355483	275.640	ug/l	96
60) Dibromochloromethane	9.525	129	69507	55.762	ug/l	100
61) 1,2-Dibromoethane	9.610	107	65510	55.849	ug/l	98
64) Tetrachloroethene	9.275	164	67798	55.759	ug/l	92
65) Chlorobenzene	10.079	112	165566	55.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63700	55.280	ug/l	99
67) Ethyl Benzene	10.195	91	289298	55.713	ug/l	97
68) m/p-Xylenes	10.305	106	232387	109.566	ug/l	92
69) o-Xylene	10.646	106	113597	54.722	ug/l	91
70) Styrene	10.659	104	190527	55.556	ug/l	96
71) Bromoform	10.799	173	55919	55.894	ug/l #	99
73) Isopropylbenzene	10.963	105	296559	55.761	ug/l	98
74) N-amyl acetate	10.842	43	124449	54.100	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	92261	53.632	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85625m	56.032	ug/l	
77) Bromobenzene	11.201	156	75248	55.016	ug/l	93
78) n-propylbenzene	11.305	91	336532	56.372	ug/l	98
79) 2-Chlorotoluene	11.366	91	198382	54.584	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	246164	55.065	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	32957	54.330	ug/l	88
82) 4-Chlorotoluene	11.457	91	225513	54.357	ug/l	95
83) tert-Butylbenzene	11.719	119	248016	54.591	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	246155	55.711	ug/l	95
85) sec-Butylbenzene	11.890	105	313166	56.699	ug/l	98
86) p-Isopropyltoluene	12.012	119	265941	56.039	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	141498	55.575	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	140986	54.649	ug/l	98
89) n-Butylbenzene	12.335	91	224230	56.058	ug/l	96
90) Hexachloroethane	12.542	117	48871	55.883	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	136345	54.950	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21372	59.477	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	89683	61.408	ug/l	99
94) Hexachlorobutadiene	13.725	225	39312	56.061	ug/l	100
95) Naphthalene	13.780	128	298244	59.301	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88375	61.857	ug/l	98

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

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