

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025447.D
 Acq On : 02 Dec 2021 23:22
 Operator : JC/MD
 Sample : VX1202WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 03:14:34 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	85096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49026	54.657	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.320%			
35) Dibromofluoromethane	5.391	113	43610	52.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	8.653	98	156438	50.016	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.040%			
62) 4-Bromofluorobenzene	11.085	95	57635	48.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16023	21.722	ug/l	98
3) Chloromethane	1.294	50	16396	17.952	ug/l	97
4) Vinyl Chloride	1.374	62	18502	18.451	ug/l	98
5) Bromomethane	1.599	94	10676	24.763	ug/l	94
6) Chloroethane	1.685	64	12780	18.471	ug/l	98
7) Trichlorofluoromethane	1.886	101	29690	19.948	ug/l	99
8) Diethyl Ether	2.136	74	11733	19.102	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	16803	21.218	ug/l	99
10) Methyl Iodide	2.453	142	15829	15.986	ug/l	95
11) Tert butyl alcohol	2.965	59	25213	108.577	ug/l	96
12) 1,1-Dichloroethene	2.319	96	16066	20.370	ug/l	88
13) Acrolein	2.239	56	4495	109.388	ug/l	94
14) Allyl chloride	2.666	41	26124	18.302	ug/l	96
15) Acrylonitrile	3.068	53	51495	106.983	ug/l	98
16) Acetone	2.380	43	43676	87.630	ug/l	98
17) Carbon Disulfide	2.514	76	35830	16.149	ug/l	99
18) Methyl Acetate	2.703	43	32451	20.378	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	56986	20.737	ug/l	98
20) Methylene Chloride	2.794	84	18446	19.688	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	17214	19.923	ug/l	85
22) Diisopropyl ether	3.764	45	55136	20.283	ug/l	95
23) Vinyl Acetate	3.727	43	217206	99.474	ug/l	95
24) 1,1-Dichloroethane	3.611	63	30438	20.492	ug/l	96
25) 2-Butanone	4.562	43	71215	98.828	ug/l	98
26) 2,2-Dichloropropane	4.483	77	22012	16.346	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	20372	20.190	ug/l	93
28) Bromochloromethane	4.904	49	14812	21.386	ug/l	93
29) Tetrahydrofuran	5.013	42	47057	105.468	ug/l	98
30) Chloroform	5.099	83	32939	21.309	ug/l	99
31) Cyclohexane	5.471	56	26739	19.291	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	29162	20.606	ug/l	98
36) 1,1-Dichloropropene	5.696	75	22930	19.384	ug/l	97
37) Ethyl Acetate	4.721	43	27269	20.262	ug/l	100
38) Carbon Tetrachloride	5.684	117	25809	19.809	ug/l	96
39) Methylcyclohexane	7.385	83	27626	18.207	ug/l	93
40) Benzene	6.044	78	70544	19.687	ug/l	99

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41) Methacrylonitrile	4.922	41	14670	19.639	ug/l	96
42) 1,2-Dichloroethane	6.092	62	25293	21.693	ug/l	94
43) Isopropyl Acetate	6.342	43	44701	19.958	ug/l	99
44) Trichloroethene	7.129	130	20991	20.165	ug/l	93
45) 1,2-Dichloropropane	7.434	63	17851	20.283	ug/l	99
46) Dibromomethane	7.586	93	13018	20.376	ug/l	93
47) Bromodichloromethane	7.824	83	24324	19.373	ug/l	97
48) Methyl methacrylate	7.696	41	20217	19.233	ug/l	94
49) 1,4-Dioxane	7.665	88	9407	423.772	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	141753	100.930	ug/l	98
52) Toluene	8.720	92	45903	19.621	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	24738	17.718	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	27474	18.153	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	19236	20.688	ug/l	99
56) Ethyl methacrylate	9.116	69	29502	19.552	ug/l	96
57) 1,3-Dichloropropane	9.311	76	31493	20.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	66002	94.018	ug/l	94
59) 2-Hexanone	9.433	43	107731	97.297	ug/l	96
60) Dibromochloromethane	9.525	129	19701	18.409	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20358	20.215	ug/l	99
64) Tetrachloroethene	9.275	164	21766	20.985	ug/l	96
65) Chlorobenzene	10.079	112	51552	20.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18924	19.252	ug/l	99
67) Ethyl Benzene	10.195	91	87548	19.765	ug/l	95
68) m/p-Xylenes	10.305	106	70141	38.767	ug/l	93
69) o-Xylene	10.646	106	35310	19.940	ug/l	88
70) Styrene	10.659	104	56635	19.359	ug/l	97
71) Bromoform	10.805	173	14166	16.599	ug/l #	100
73) Isopropylbenzene	10.963	105	88874	20.195	ug/l	98
74) N-amyl acetate	10.848	43	35584	18.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29243	20.543	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	23585m	18.651	ug/l	
77) Bromobenzene	11.201	156	22649	20.012	ug/l	95
78) n-propylbenzene	11.305	91	98853	20.011	ug/l	97
79) 2-Chlorotoluene	11.366	91	60828	20.226	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	73492	19.867	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6883	13.712	ug/l	98
82) 4-Chlorotoluene	11.457	91	67846	19.763	ug/l	96
83) tert-Butylbenzene	11.719	119	74634	19.853	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	74766	20.449	ug/l	96
85) sec-Butylbenzene	11.890	105	91581	20.038	ug/l	97
86) p-Isopropyltoluene	12.012	119	77237	19.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41739	19.811	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	42121	19.731	ug/l	98
89) n-Butylbenzene	12.335	91	61041	18.442	ug/l	96
90) Hexachloroethane	12.542	117	10493	14.500	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	41372	20.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5554	18.679	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	24868	20.578	ug/l	98
94) Hexachlorobutadiene	13.725	225	10585	18.242	ug/l	94
95) Naphthalene	13.780	128	83552	19.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24873	21.039	ug/l	99

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

