

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025403.D
 Acq On : 01 Dec 2021 11:11
 Operator : JC/MD
 Sample : VX1201WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/02/2021

Quant Time: Dec 02 08:25:59 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	5.550	168	98432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49559	47.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.540%		
35) Dibromofluoromethane	5.385	113	44080	47.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	8.653	98	162297	46.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.079	95	60774	46.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18131	21.249	ug/l	99
3) Chloromethane	1.294	50	18321	17.341	ug/l	98
4) Vinyl Chloride	1.374	62	20645	17.799	ug/l	98
5) Bromomethane	1.599	94	13680	27.432	ug/l	96
6) Chloroethane	1.685	64	14113	17.634	ug/l	100
7) Trichlorofluoromethane	1.886	101	31953	18.560	ug/l	99
8) Diethyl Ether	2.130	74	12783	17.991	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18634	20.342	ug/l	97
10) Methyl Iodide	2.453	142	22359	19.521	ug/l	92
11) Tert butyl alcohol	2.959	59	22433	81.377	ug/l	95
12) 1,1-Dichloroethene	2.319	96	17274	18.934	ug/l	85
13) Acrolein	2.233	56	3508	73.803	ug/l	94
14) Allyl chloride	2.666	41	28616	17.331	ug/l	96
15) Acrylonitrile	3.062	53	51087	91.756	ug/l	98
16) Acetone	2.380	43	56749	98.434	ug/l	96
17) Carbon Disulfide	2.514	76	39723	15.478	ug/l	96
18) Methyl Acetate	2.703	43	32808	17.811	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	60566	19.053	ug/l	99
20) Methylene Chloride	2.788	84	20052	18.502	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	18599	18.609	ug/l	88
22) Diisopropyl ether	3.764	45	59109	18.798	ug/l	96
23) Vinyl Acetate	3.721	43	232493	92.049	ug/l	95
24) 1,1-Dichloroethane	3.611	63	33280	19.370	ug/l	95
25) 2-Butanone	4.550	43	75712	90.834	ug/l	98
26) 2,2-Dichloropropane	4.477	77	28729	18.444	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	22205	19.025	ug/l	92
28) Bromochloromethane	4.897	49	15114	18.866	ug/l	92
29) Tetrahydrofuran	5.007	42	45877	88.892	ug/l	99
30) Chloroform	5.093	83	35175	19.673	ug/l	97
31) Cyclohexane	5.464	56	29860	18.624	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	31454	19.215	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25157	19.130	ug/l	96
37) Ethyl Acetate	4.708	43	27001	18.047	ug/l	99
38) Carbon Tetrachloride	5.678	117	27700	19.125	ug/l	97
39) Methylcyclohexane	7.385	83	32390	19.202	ug/l	93
40) Benzene	6.044	78	76333	19.162	ug/l	99

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41) Methacrylonitrile	4.916	41	14712	17.716	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26209	20.220	ug/l	93
43) Isopropyl Acetate	6.336	43	44434	17.845	ug/l	98
44) Trichloroethene	7.123	130	22396	19.353	ug/l	96
45) 1,2-Dichloropropane	7.427	63	18853	19.269	ug/l	99
46) Dibromomethane	7.580	93	14120	19.880	ug/l	94
47) Bromodichloromethane	7.824	83	26305	18.846	ug/l	98
48) Methyl methacrylate	7.696	41	20502	17.544	ug/l	95
49) 1,4-Dioxane	7.659	88	8255	334.515	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	141212	90.444	ug/l	98
52) Toluene	8.720	92	50014	19.231	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	27484	17.707	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	30681	18.235	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	20470	19.803	ug/l	98
56) Ethyl methacrylate	9.116	69	30434	18.143	ug/l	96
57) 1,3-Dichloropropane	9.311	76	33340	19.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	71936	92.175	ug/l	95
59) 2-Hexanone	9.433	43	109753	89.165	ug/l	97
60) Dibromochloromethane	9.525	129	21609	18.163	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21490	19.195	ug/l	100
64) Tetrachloroethene	9.275	164	22761	19.978	ug/l	92
65) Chlorobenzene	10.079	112	55335	19.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20533	19.017	ug/l	98
67) Ethyl Benzene	10.195	91	95454	19.619	ug/l	97
68) m/p-Xylenes	10.305	106	76975	38.733	ug/l	93
69) o-Xylene	10.640	106	36921	18.982	ug/l	95
70) Styrene	10.659	104	61514	19.143	ug/l	97
71) Bromoform	10.799	173	16184	17.265	ug/l #	99
73) Isopropylbenzene	10.963	105	97004	19.588	ug/l	97
74) N-amyl acetate	10.842	43	37544	17.528	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30710	19.172	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	27410m	19.263	ug/l	
77) Bromobenzene	11.201	156	25076	19.690	ug/l	92
78) n-propylbenzene	11.305	91	110302	19.843	ug/l	97
79) 2-Chlorotoluene	11.366	91	65378	19.319	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	81645	19.614	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8960	15.863	ug/l	95
82) 4-Chlorotoluene	11.457	91	75124	19.447	ug/l	97
83) tert-Butylbenzene	11.713	119	82699	19.549	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	81601	19.834	ug/l	97
85) sec-Butylbenzene	11.890	105	102834	19.995	ug/l	98
86) p-Isopropyltoluene	12.012	119	86899	19.666	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	45395	19.148	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	46882	19.516	ug/l	98
89) n-Butylbenzene	12.335	91	71739	19.262	ug/l	97
90) Hexachloroethane	12.542	117	13632	16.741	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	45456	19.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5968	17.837	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	26784	19.696	ug/l	98
94) Hexachlorobutadiene	13.725	225	13039	19.969	ug/l	99
95) Naphthalene	13.780	128	83040	17.467	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26869	20.198	ug/l	99

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

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