

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011722\
 Data File : VX026483.D
 Acq On : 17 Jan 2022 12:09
 Operator : JC/MD
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 18 00:40:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68371	47.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.720%		
35) Dibromofluoromethane	5.391	113	52496	48.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	8.647	98	192056	48.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	72257	51.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22650	18.561	ug/l	99
3) Chloromethane	1.294	50	21585	19.295	ug/l	100
4) Vinyl Chloride	1.380	62	22513	19.168	ug/l	99
5) Bromomethane	1.617	94	11130	20.543	ug/l	97
6) Chloroethane	1.691	64	12989	21.870	ug/l	97
7) Trichlorofluoromethane	1.892	101	34851	18.795	ug/l	100
8) Diethyl Ether	2.136	74	12747	19.426	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	22178	19.626	ug/l	99
10) Methyl Iodide	2.459	142	25060	23.214	ug/l	99
11) Tert butyl alcohol	2.983	59	19912m	99.153	ug/l	
12) 1,1-Dichloroethene	2.325	96	21022	19.478	ug/l	96
13) Acrolein	2.239	56	19150	89.741	ug/l	99
14) Allyl chloride	2.672	41	38358	19.326	ug/l	100
15) Acrylonitrile	3.068	53	63873	103.324	ug/l	99
16) Acetone	2.392	43	75582	102.668	ug/l	100
17) Carbon Disulfide	2.520	76	57620	18.286	ug/l	98
18) Methyl Acetate	2.709	43	28931	19.768	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	74173	18.941	ug/l	98
20) Methylene Chloride	2.794	84	23510	19.329	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	22331	19.113	ug/l	97
22) Diisopropyl ether	3.763	45	77444	19.209	ug/l	99
23) Vinyl Acetate	3.727	43	328649	99.032	ug/l	99
24) 1,1-Dichloroethane	3.617	63	42426	19.485	ug/l	97
25) 2-Butanone	4.562	43	97749	102.101	ug/l	96
26) 2,2-Dichloropropane	4.477	77	30735	19.044	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25769	19.325	ug/l	98
28) Bromochloromethane	4.897	49	17058	19.080	ug/l	99
29) Tetrahydrofuran	5.007	42	60106	105.708	ug/l	99
30) Chloroform	5.099	83	61498	27.184	ug/l	98
31) Cyclohexane	5.470	56	40676	19.103	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	39484	19.842	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33188	19.227	ug/l	100
37) Ethyl Acetate	4.721	43	35166	20.140	ug/l	99
38) Carbon Tetrachloride	5.678	117	34567	19.469	ug/l	96
39) Methylcyclohexane	7.385	83	40288	19.350	ug/l	99
40) Benzene	6.037	78	92611	19.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19775	19.993	ug/l	98
42) 1,2-Dichloroethane	6.092	62	36405	19.503	ug/l	100
43) Isopropyl Acetate	6.342	43	55621	19.720	ug/l	100
44) Trichloroethene	7.129	130	26348	19.462	ug/l	97
45) 1,2-Dichloropropane	7.434	63	22902	19.231	ug/l	98
46) Dibromomethane	7.586	93	16078	19.152	ug/l	96
47) Bromodichloromethane	7.824	83	35485	20.920	ug/l	99
48) Methyl methacrylate	7.696	41	27746	19.850	ug/l	98
49) 1,4-Dioxane	7.690	88	10461	456.039	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	178853	106.909	ug/l	100
52) Toluene	8.720	92	58101	19.859	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32410	19.081	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	36667	20.126	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23115	20.246	ug/l	98
56) Ethyl methacrylate	9.116	69	35747	20.430	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40002	20.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	94525	103.027	ug/l	100
59) 2-Hexanone	9.433	43	139816	109.194	ug/l	99
60) Dibromochloromethane	9.518	129	24886	20.917	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24382	20.494	ug/l	99
64) Tetrachloroethene	9.275	164	27284	19.452	ug/l	94
65) Chlorobenzene	10.079	112	60697	19.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22627	19.476	ug/l	100
67) Ethyl Benzene	10.195	91	111478	19.620	ug/l	99
68) m/p-Xylenes	10.305	106	85847	40.373	ug/l	100
69) o-Xylene	10.640	106	41327	20.142	ug/l	100
70) Styrene	10.659	104	68896	20.578	ug/l	99
71) Bromoform	10.799	173	16413	19.876	ug/l #	99
73) Isopropylbenzene	10.963	105	110082	18.986	ug/l	99
74) N-amyl acetate	10.841	43	43494	19.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	31015	19.929	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31590m	20.283	ug/l	
77) Bromobenzene	11.201	156	25613	19.282	ug/l	100
78) n-propylbenzene	11.305	91	128804	19.481	ug/l	100
79) 2-Chlorotoluene	11.366	91	76945	19.191	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94201	19.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8681	20.807	ug/l	97
82) 4-Chlorotoluene	11.457	91	90168	19.567	ug/l	99
83) tert-Butylbenzene	11.719	119	88116	19.747	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	93623	19.582	ug/l	100
85) sec-Butylbenzene	11.890	105	113011	19.579	ug/l	100
86) p-Isopropyltoluene	12.012	119	96573	19.943	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	47987	19.273	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	47876	18.998	ug/l	96
89) n-Butylbenzene	12.335	91	83104	19.998	ug/l	100
90) Hexachloroethane	12.542	117	14309	19.113	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46738	19.864	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7623	20.266	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	29636	19.646	ug/l	99
94) Hexachlorobutadiene	13.725	225	12871	20.212	ug/l	98
95) Naphthalene	13.780	128	99939	19.862	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29685	20.010	ug/l	100

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

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