

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027048.D
 Acq On : 16 Feb 2022 14:27
 Operator : JC/MD
 Sample : VX0216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0216WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 07:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84192	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	135818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53012	52.454	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.900%			
35) Dibromofluoromethane	5.385	113	42294	52.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.540%			
50) Toluene-d8	8.647	98	159474	53.690	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.380%			
62) 4-Bromofluorobenzene	11.079	95	61705	59.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	17318	18.917	ug/l	100
3) Chloromethane	1.295	50	16039	18.833	ug/l	100
4) Vinyl Chloride	1.374	62	16375	18.368	ug/l	95
5) Bromomethane	1.611	94	9834	25.995	ug/l	99
6) Chloroethane	1.691	64	9765	18.219	ug/l	96
7) Trichlorofluoromethane	1.892	101	25105	19.136	ug/l	100
8) Diethyl Ether	2.136	74	9189	18.908	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16983	19.749	ug/l	99
10) Methyl Iodide	2.453	142	20677	18.808	ug/l	97
11) Tert butyl alcohol	2.953	59	16365	89.634	ug/l	95
12) 1,1-Dichloroethene	2.325	96	15782	18.316	ug/l	94
13) Acrolein	2.239	56	12867	76.261	ug/l	99
14) Allyl chloride	2.666	41	29229	19.151	ug/l	96
15) Acrylonitrile	3.062	53	51840	99.084	ug/l	99
16) Acetone	2.380	43	47483	106.972	ug/l	95
17) Carbon Disulfide	2.514	76	39925	16.368	ug/l	100
18) Methyl Acetate	2.703	43	24022	18.809	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	57527	18.862	ug/l	100
20) Methylene Chloride	2.794	84	18436	19.168	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	17130	18.893	ug/l	94
22) Diisopropyl ether	3.757	45	60273	19.615	ug/l	93
23) Vinyl Acetate	3.721	43	251970	97.530	ug/l	98
24) 1,1-Dichloroethane	3.611	63	32384	19.476	ug/l	99
25) 2-Butanone	4.550	43	71787	100.378	ug/l	99
26) 2,2-Dichloropropane	4.477	77	22923	20.404	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	20497	19.689	ug/l	96
28) Bromochloromethane	4.898	49	14022	20.344	ug/l	98
29) Tetrahydrofuran	5.001	42	47957	98.638	ug/l	99
30) Chloroform	5.093	83	34224	19.811	ug/l	100
31) Cyclohexane	5.471	56	29846	18.586	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	28861	18.949	ug/l	99
36) 1,1-Dichloropropene	5.690	75	24546	19.229	ug/l	98
37) Ethyl Acetate	4.709	43	27183	18.738	ug/l	99
38) Carbon Tetrachloride	5.678	117	25587	19.114	ug/l	99
39) Methylcyclohexane	7.379	83	30217	19.302	ug/l	97
40) Benzene	6.038	78	72292	19.431	ug/l	99

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41) Methacrylonitrile	4.922	41	15744	20.024	ug/l	97
42) 1,2-Dichloroethane	6.086	62	27093	20.666	ug/l	99
43) Isopropyl Acetate	6.336	43	43025	19.275	ug/l	99
44) Trichloroethene	7.123	130	21252	19.025	ug/l	96
45) 1,2-Dichloropropane	7.434	63	18990	20.174	ug/l	99
46) Dibromomethane	7.580	93	13224	20.303	ug/l	98
47) Bromodichloromethane	7.824	83	25523	20.462	ug/l	99
48) Methyl methacrylate	7.690	41	21585	19.517	ug/l	96
49) 1,4-Dioxane	7.665	88	7390	387.756	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	142678	105.482	ug/l	99
52) Toluene	8.720	92	46968	19.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	24941	19.322	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	28255	20.514	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	19080	21.397	ug/l	98
56) Ethyl methacrylate	9.116	69	29304	20.731	ug/l	95
57) 1,3-Dichloropropane	9.311	76	32575	21.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	61443	84.688	ug/l	98
59) 2-Hexanone	9.433	43	107762	108.921	ug/l	98
60) Dibromochloromethane	9.519	129	19774	21.551	ug/l	98
61) 1,2-Dibromoethane	9.610	107	19753	20.966	ug/l	99
64) Tetrachloroethene	9.275	164	21783	17.431	ug/l	96
65) Chlorobenzene	10.079	112	51489	20.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18354	19.389	ug/l	99
67) Ethyl Benzene	10.195	91	90219	19.809	ug/l	100
68) m/p-Xylenes	10.299	106	70450	40.204	ug/l	97
69) o-Xylene	10.640	106	34654	20.183	ug/l	96
70) Styrene	10.659	104	57552	20.667	ug/l	98
71) Bromoform	10.799	173	13852	20.051	ug/l #	100
73) Isopropylbenzene	10.963	105	91281	19.256	ug/l	100
74) N-amyl acetate	10.842	43	34703	18.322	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	26260	20.413	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	26794m	20.339	ug/l	
77) Bromobenzene	11.201	156	21928	19.461	ug/l	96
78) n-propylbenzene	11.305	91	103871	19.766	ug/l	99
79) 2-Chlorotoluene	11.366	91	62539	19.261	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75930	19.462	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7212	19.348	ug/l	97
82) 4-Chlorotoluene	11.457	91	73002	20.041	ug/l	98
83) tert-Butylbenzene	11.713	119	71423	19.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	75321	19.140	ug/l	98
85) sec-Butylbenzene	11.890	105	92997	19.730	ug/l	98
86) p-Isopropyltoluene	12.012	119	79276	19.853	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41362	20.033	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	41580	19.969	ug/l	99
89) n-Butylbenzene	12.335	91	66753	20.432	ug/l	99
90) Hexachloroethane	12.542	117	12038	20.859	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	39885	20.020	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5853	18.502	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	25254	20.086	ug/l	99
94) Hexachlorobutadiene	13.725	225	10211	19.200	ug/l	99
95) Naphthalene	13.780	128	84539	19.196	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24815	19.492	ug/l	99

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

