

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025837.D
 Acq On : 16 Dec 2021 01:15
 Operator : JC/MD
 Sample : VX1216WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02

Quant Time: Dec 16 07:33:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	116297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88415	52.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.680%			
35) Dibromofluoromethane	5.391	113	72800	51.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.653	98	268194	51.973	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.940%			
62) 4-Bromofluorobenzene	11.085	95	98962	50.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22806	21.927	ug/l	96
3) Chloromethane	1.294	50	26283	19.407	ug/l	99
4) Vinyl Chloride	1.374	62	27803	19.300	ug/l	98
5) Bromomethane	1.599	94	20260	19.696	ug/l	95
6) Chloroethane	1.685	64	18804	18.022	ug/l	98
7) Trichlorofluoromethane	1.886	101	44415	18.665	ug/l	95
8) Diethyl Ether	2.136	74	17403	18.540	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	23171	18.712	ug/l	98
10) Methyl Iodide	2.453	142	29446	18.663	ug/l	99
11) Tert butyl alcohol	2.971	59	29477	87.818	ug/l	98
12) 1,1-Dichloroethene	2.319	96	23493	19.082	ug/l	96
13) Acrolein	2.239	56	36690	159.917	ug/l	99
14) Allyl chloride	2.666	41	38491	17.130	ug/l	99
15) Acrylonitrile	3.069	53	75763	96.687	ug/l	99
16) Acetone	2.380	43	67434	78.782	ug/l	99
17) Carbon Disulfide	2.514	76	53324	15.121	ug/l	98
18) Methyl Acetate	2.709	43	50066	19.631	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	82116	18.884	ug/l	98
20) Methylene Chloride	2.788	84	27843	17.901	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	26137	19.023	ug/l	95
22) Diisopropyl ether	3.764	45	83598	19.180	ug/l	95
23) Vinyl Acetate	3.727	43	321728	95.388	ug/l	99
24) 1,1-Dichloroethane	3.611	63	47318	19.013	ug/l	98
25) 2-Butanone	4.562	43	107149	95.207	ug/l	99
26) 2,2-Dichloropropane	4.477	77	25794	13.665	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	30803	18.907	ug/l	97
28) Bromochloromethane	4.910	49	20442	18.227	ug/l	99
29) Tetrahydrofuran	5.007	42	71719	100.230	ug/l	98
30) Chloroform	5.099	83	50918	18.655	ug/l	93
31) Cyclohexane	5.477	56	40002	19.658	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	42465	17.876	ug/l	100
36) 1,1-Dichloropropene	5.702	75	35201	18.328	ug/l	98
37) Ethyl Acetate	4.721	43	39835	18.668	ug/l	98
38) Carbon Tetrachloride	5.678	117	35850	16.042	ug/l	99
39) Methylcyclohexane	7.385	83	39841	18.539	ug/l	97
40) Benzene	6.038	78	108601	18.955	ug/l	99

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41) Methacrylonitrile	4.922	41	21475	18.185	ug/l	97
42) 1,2-Dichloroethane	6.092	62	40442	18.573	ug/l	99
43) Isopropyl Acetate	6.348	43	60635	17.637	ug/l	100
44) Trichloroethene	7.129	130	29857	18.718	ug/l	99
45) 1,2-Dichloropropane	7.434	63	27205	18.839	ug/l	100
46) Dibromomethane	7.586	93	20465	18.204	ug/l	98
47) Bromodichloromethane	7.824	83	36925	16.665	ug/l	95
48) Methyl methacrylate	7.696	41	30765	19.003	ug/l	98
49) 1,4-Dioxane	7.665	88	14236	402.786	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	212004	94.202	ug/l	99
52) Toluene	8.720	92	71031	19.458	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31533	14.930	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38461	16.643	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	29194	18.648	ug/l	96
56) Ethyl methacrylate	9.116	69	41241	18.343	ug/l	100
57) 1,3-Dichloropropane	9.311	76	47918	18.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	103372	103.881	ug/l	99
59) 2-Hexanone	9.433	43	161690	94.823	ug/l	100
60) Dibromochloromethane	9.525	129	28016	15.767	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30619	18.038	ug/l	99
64) Tetrachloroethene	9.275	164	27165	17.521	ug/l	97
65) Chlorobenzene	10.079	112	77760	19.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26819	16.952	ug/l	100
67) Ethyl Benzene	10.195	91	131961	19.261	ug/l	99
68) m/p-Xylenes	10.305	106	104355	39.144	ug/l	100
69) o-Xylene	10.646	106	51170	19.511	ug/l	97
70) Styrene	10.659	104	84276	19.311	ug/l	99
71) Bromoform	10.805	173	18511	14.203	ug/l #	99
73) Isopropylbenzene	10.963	105	129924	19.113	ug/l	99
74) N-amyl acetate	10.848	43	49185	17.989	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	44800	18.909	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	37963m	17.690	ug/l	
77) Bromobenzene	11.201	156	33127	18.999	ug/l	99
78) n-propylbenzene	11.305	91	148336	19.292	ug/l	99
79) 2-Chlorotoluene	11.366	91	89699	18.345	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	109540	19.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7923	11.446	ug/l #	79
82) 4-Chlorotoluene	11.457	91	103598	18.921	ug/l	99
83) tert-Butylbenzene	11.719	119	107540	19.460	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	111385	19.777	ug/l	100
85) sec-Butylbenzene	11.890	105	129785	19.539	ug/l	100
86) p-Isopropyltoluene	12.012	119	108718	19.490	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61341	18.881	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	61421	18.517	ug/l	98
89) n-Butylbenzene	12.335	91	86249	18.536	ug/l	100
90) Hexachloroethane	12.542	117	15521	14.157	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	61506	19.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8117	15.246	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	31234	18.951	ug/l	97
94) Hexachlorobutadiene	13.725	225	13311	20.169	ug/l	97
95) Naphthalene	13.780	128	107916	18.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32181	19.341	ug/l	100

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

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