

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021542.D
 Acq On : 26 Mar 2021 20:51
 Operator : JC/MD
 Sample : VX0326WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:27 PM

Quant Time: Mar 27 04:32:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	73699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60289	49.17	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.34%		
35) Dibromofluoromethane	5.458	113	42899	48.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.22%		
50) Toluene-d8	8.694	98	153067	48.67	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.34%		
62) 4-Bromofluorobenzene	11.118	95	58949	48.21	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	15053	18.58	ug/l	98
3) Chloromethane	1.311	50	17978	19.33	ug/l	100
4) Vinyl Chloride	1.393	62	15945	19.24	ug/l	100
5) Bromomethane	1.623	94	7596	22.78	ug/l	95
6) Chloroethane	1.705	64	10281	19.56	ug/l	100
7) Trichlorofluoromethane	1.911	101	26494	19.66	ug/l	97
8) Diethyl Ether	2.170	74	8743	18.70	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.364	101	14458	19.06	ug/l	96
10) Methyl Iodide	2.487	142	11217	23.06	ug/l #	86
11) Tert butyl alcohol	3.017	59	19513	96.25	ug/l	96
12) 1,1-Dichloroethene	2.352	96	13327	17.94	ug/l	84
13) Acrolein	2.276	56	8120	82.34	ug/l	95
14) Allyl chloride	2.705	41	27723	18.39	ug/l #	88
15) Acrylonitrile	3.117	53	47155	97.88	ug/l	97
16) Acetone	2.423	43	45155	97.39	ug/l	89
17) Carbon Disulfide	2.546	76	34636	16.61	ug/l	99
18) Methyl Acetate	2.752	43	28209	21.06	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	53990	19.47	ug/l	97
20) Methylene Chloride	2.834	84	16880	18.66	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	15266	18.71	ug/l	94
22) Diisopropyl ether	3.823	45	56421	19.26	ug/l	91
23) Vinyl Acetate	3.787	43	234142	94.51	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	30291	19.18	ug/l	98
25) 2-Butanone	4.635	43	68253	97.11	ug/l	90
26) 2,2-Dichloropropane	4.546	77	22341	16.33	ug/l	98
27) cis-1,2-Dichloroethene	4.558	96	18070	19.07	ug/l	91
28) Bromochloromethane	4.982	49	15607	19.74	ug/l	84
29) Tetrahydrofuran	5.088	42	44619	97.91	ug/l #	86
30) Chloroform	5.170	83	33252	19.95	ug/l	91
31) Cyclohexane	5.541	56	24743	18.35	ug/l	87
32) 1,1,1-Trichloroethane	5.458	97	28830	19.52	ug/l	95
36) 1,1-Dichloropropene	5.764	75	22279	18.30	ug/l	96
37) Ethyl Acetate	4.799	43	25724	18.27	ug/l #	94
38) Carbon Tetrachloride	5.758	117	24970	19.09	ug/l	94
39) Methylcyclohexane	7.435	83	23580	17.47	ug/l	92
40) Benzene	6.111	78	66113	19.13	ug/l	98

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41) Methacrylonitrile	5.005	41	15323	18.77	ug/l	89
42) 1,2-Dichloroethane	6.158	62	28946	19.31	ug/l	94
43) Isopropyl Acetate	6.411	43	42587	18.63	ug/l #	90
44) Trichloroethene	7.188	130	16985	18.62	ug/l	99
45) 1,2-Dichloropropane	7.488	63	18197	19.43	ug/l	100
46) Dibromomethane	7.635	93	12958	18.98	ug/l	92
47) Bromodichloromethane	7.876	83	26093	18.78	ug/l	97
48) Methyl methacrylate	7.747	41	23367	19.16	ug/l #	82
49) 1,4-Dioxane	7.712	88	8527	390.64	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	139417	99.17	ug/l	88
52) Toluene	8.765	92	41388	19.38	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	25181	17.95	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	27945	18.72	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	17396	19.30	ug/l	94
56) Ethyl methacrylate	9.159	69	25688	18.25	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	29761	19.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	71966	94.49	ug/l	95
59) 2-Hexanone	9.471	43	105297	99.75	ug/l	85
60) Dibromochloromethane	9.565	129	19383	19.20	ug/l	98
61) 1,2-Dibromoethane	9.653	107	18578	19.19	ug/l	98
64) Tetrachloroethene	9.318	164	15339	19.56	ug/l	95
65) Chlorobenzene	10.118	112	44848	19.07	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	17539	19.46	ug/l	99
67) Ethyl Benzene	10.235	91	80108	18.68	ug/l	98
68) m/p-Xylenes	10.341	106	57226	37.46	ug/l	92
69) o-Xylene	10.682	106	27679	18.71	ug/l	89
70) Styrene	10.694	104	48197	18.94	ug/l	95
71) Bromoform	10.835	173	13733	18.75	ug/l #	99
73) Isopropylbenzene	11.000	105	76388	19.90	ug/l	99
74) N-amyl acetate	10.883	43	36202	19.49	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	28121	20.73	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	26580m	20.89	ug/l	
77) Bromobenzene	11.236	156	19200	20.17	ug/l	96
78) n-propylbenzene	11.341	91	87994	19.41	ug/l	97
79) 2-Chlorotoluene	11.400	91	54476	19.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	65959	20.11	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	7394	17.70	ug/l #	81
82) 4-Chlorotoluene	11.494	91	64079	19.62	ug/l	96
83) tert-Butylbenzene	11.753	119	62911	19.70	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	65562	19.83	ug/l	96
85) sec-Butylbenzene	11.930	105	71288	19.35	ug/l	99
86) p-Isopropyltoluene	12.047	119	65018	19.39	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	33076	19.30	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	33593	18.95	ug/l	97
89) n-Butylbenzene	12.371	91	56027	18.24	ug/l	97
90) Hexachloroethane	12.577	117	11650	19.25	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	32645	19.59	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6402	19.96	ug/l	76
93) 1,2,4-Trichlorobenzene	13.630	180	19858	18.18	ug/l	96
94) Hexachlorobutadiene	13.765	225	8701	17.65	ug/l	97
95) Naphthalene	13.818	128	68493	19.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	20620	18.89	ug/l	98

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

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