

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020632.D
 Acq On : 15 Jan 2021 15:23
 Operator : JC/MD
 Sample : VX0115WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS02

Manual Integrations
 APPROVED

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 1/18/2021 4:22:08 PM

Quant Time: Jan 16 00:54:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.622	168	193616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	308315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	279245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	159101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	128122	55.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.18%			
35) Dibromofluoromethane	5.458	113	105106	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.40%			
50) Toluene-d8	8.695	98	388654	50.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.68%			
62) 4-Bromofluorobenzene	11.121	95	162503	60.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	39065	20.45	ug/l	98
3) Chloromethane	1.306	50	35451	20.06	ug/l	99
4) Vinyl Chloride	1.392	62	43707	21.56	ug/l	99
5) Bromomethane	1.623	94	29737	21.73	ug/l	97
6) Chloroethane	1.702	64	29960	22.22	ug/l	98
7) Trichlorofluoromethane	1.910	101	77285	23.03	ug/l	97
8) Diethyl Ether	2.166	74	27253	22.79	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.361	101	42235	22.43	ug/l	99
10) Methyl Iodide	2.489	142	52677	20.06	ug/l	94
11) Tert butyl alcohol	3.038	59	49241	114.03	ug/l #	73
12) 1,1-Dichloroethene	2.349	96	38043	20.58	ug/l	95
13) Acrolein	2.269	56	22562	69.99	ug/l	98
14) Allyl chloride	2.702	41	60034	23.37	ug/l	95
15) Acrylonitrile	3.111	53	123504	125.07	ug/l	99
16) Acetone	2.416	43	106948	132.73	ug/l	97
17) Carbon Disulfide	2.544	76	91255	17.91	ug/l	99
18) Methyl Acetate	2.745	43	50878	24.69	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	146461	24.43	ug/l	100
20) Methylene Chloride	2.830	84	49315	22.45	ug/l	99
21) trans-1,2-Dichloroethene	3.135	96	45874	22.09	ug/l	96
22) Diisopropyl ether	3.818	45	132147	25.48	ug/l	100
23) Vinyl Acetate	3.775	43	557836	126.04	ug/l	98
24) 1,1-Dichloroethane	3.666	63	82825	24.05	ug/l	99
25) 2-Butanone	4.629	43	163582	130.15	ug/l	98
26) 2,2-Dichloropropane	4.543	77	76124	23.76	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	54464	23.51	ug/l	97
28) Bromochloromethane	4.976	49	29633	21.13	ug/l	94
29) Tetrahydrofuran	5.080	42	96133	125.57	ug/l	97
30) Chloroform	5.171	83	92394	23.99	ug/l	99
31) Cyclohexane	5.543	56	61599	22.54	ug/l	93
32) 1,1,1-Trichloroethane	5.452	97	81809	23.62	ug/l	99
36) 1,1-Dichloropropene	5.763	75	63956	22.70	ug/l	99
37) Ethyl Acetate	4.787	43	59766	23.36	ug/l	99
38) Carbon Tetrachloride	5.744	117	72710	22.12	ug/l	98
39) Methylcyclohexane	7.433	83	69781	21.69	ug/l	95
40) Benzene	6.104	78	189259	22.35	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	31952	23.86	ug/l	94
42) 1,2-Dichloroethane	6.153	62	71256	23.60	ug/l	100
43) Isopropyl Acetate	6.403	43	95796	24.15	ug/l	99
44) Trichloroethene	7.183	130	53350	21.20	ug/l	97
45) 1,2-Dichloropropane	7.482	63	48155	23.19	ug/l	99
46) Dibromomethane	7.634	93	35780	22.69	ug/l	95
47) Bromodichloromethane	7.872	83	73581	22.86	ug/l	99
48) Methyl methacrylate	7.738	41	46864	24.30	ug/l	95
49) 1,4-Dioxane	7.714	88	23445	482.28	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	306837	124.71	ug/l	99
52) Toluene	8.762	92	121113	22.49	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	74560	22.75	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	81822	23.30	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	52668	23.15	ug/l	96
56) Ethyl methacrylate	9.158	69	68285	23.15	ug/l	97
57) 1,3-Dichloropropane	9.347	76	85378	23.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	145137	96.86	ug/l	98
59) 2-Hexanone	9.469	43	242985	131.73	ug/l	99
60) Dibromochloromethane	9.561	129	55627	21.65	ug/l	97
61) 1,2-Dibromoethane	9.652	107	54349	22.40	ug/l	100
64) Tetrachloroethene	9.311	164	52597	20.85	ug/l	92
65) Chlorobenzene	10.122	112	133771	22.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	50935	22.71	ug/l	99
67) Ethyl Benzene	10.231	91	230809	23.86	ug/l	100
68) m/p-Xylenes	10.341	106	175112	46.96	ug/l	97
69) o-Xylene	10.683	106	91045	26.50	ug/l	96
70) Styrene	10.695	104	159149	27.14	ug/l	100
71) Bromoform	10.835	173	42872	23.55	ug/l #	99
73) Isopropylbenzene	11.000	105	254165	23.69	ug/l	99
74) N-amyl acetate	10.878	43	88074	23.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	87642	25.09	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	83696m	24.97	ug/l	
77) Bromobenzene	11.237	156	62139	21.62	ug/l	98
78) n-propylbenzene	11.341	91	297812	25.12	ug/l	99
79) 2-Chlorotoluene	11.402	91	178469	24.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.487	105	221152	24.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.054	75	26491	21.53	ug/l	95
82) 4-Chlorotoluene	11.493	91	212396	24.47	ug/l	99
83) tert-Butylbenzene	11.756	119	203229	23.54	ug/l	95
84) 1,2,4-Trimethylbenzene	11.792	105	225349	25.08	ug/l	99
85) sec-Butylbenzene	11.926	105	246913	24.51	ug/l	99
86) p-Isopropyltoluene	12.048	119	231873	24.78	ug/l	99
87) 1,3-Dichlorobenzene	12.005	146	116013	22.09	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	119404	22.17	ug/l	97
89) n-Butylbenzene	12.371	91	200426	24.75	ug/l	98
90) Hexachloroethane	12.579	117	39731	22.52	ug/l	87
91) 1,2-Dichlorobenzene	12.371	146	117634	22.68	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	19137	23.33	ug/l	93
93) 1,2,4-Trichlorobenzene	13.627	180	74734	21.62	ug/l	98
94) Hexachlorobutadiene	13.761	225	34626	20.14	ug/l	99
95) Naphthalene	13.816	128	245746	23.12	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	75719	21.53	ug/l	99

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

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