

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021026.D
 Acq On : 05 Mar 2021 12:11
 Operator : JC/MD
 Sample : VX0307WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:47:45 AM

Quant Time: Mar 05 23:56:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	221951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	375737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	344914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	160553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	144630	48.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.48%		
35) Dibromofluoromethane	5.458	113	117043	51.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.54%		
50) Toluene-d8	8.694	98	460759	51.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.52%		
62) 4-Bromofluorobenzene	11.118	95	172197	52.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	39816	16.59	ug/l	99
3) Chloromethane	1.311	50	47702	17.89	ug/l	99
4) Vinyl Chloride	1.393	62	53163	17.32	ug/l	99
5) Bromomethane	1.628	94	34057	30.86	ug/l	98
6) Chloroethane	1.711	64	35015	18.23	ug/l	97
7) Trichlorofluoromethane	1.917	101	69205	17.86	ug/l	97
8) Diethyl Ether	2.170	74	32399	18.02	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.364	101	42333	17.73	ug/l	99
10) Methyl Iodide	2.487	142	55337	17.25	ug/l	96
11) Tert butyl alcohol	3.005	59	48969	73.35	ug/l	100
12) 1,1-Dichloroethene	2.358	96	41892	16.86	ug/l	98
13) Acrolein	2.270	56	45884	110.99	ug/l	99
14) Allyl chloride	2.705	41	68315	16.83	ug/l	98
15) Acrylonitrile	3.111	53	127443	89.46	ug/l	99
16) Acetone	2.417	43	104125	84.29	ug/l	98
17) Carbon Disulfide	2.552	76	117762	16.64	ug/l	99
18) Methyl Acetate	2.746	43	51604	17.66	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	157406	17.74	ug/l	99
20) Methylene Chloride	2.834	84	51086	17.24	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	48367	17.33	ug/l	98
22) Diisopropyl ether	3.817	45	143573	17.59	ug/l	93
23) Vinyl Acetate	3.782	43	608599	87.19	ug/l	99
24) 1,1-Dichloroethane	3.670	63	85750	17.84	ug/l	99
25) 2-Butanone	4.629	43	161164	85.88	ug/l	99
26) 2,2-Dichloropropane	4.546	77	71832	16.45	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	56594	17.60	ug/l	99
28) Bromochloromethane	4.976	49	38119	18.53	ug/l	97
29) Tetrahydrofuran	5.082	42	103028	85.53	ug/l	99
30) Chloroform	5.170	83	87311	18.03	ug/l	99
31) Cyclohexane	5.547	56	75939	17.49	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	74651	17.70	ug/l	99
36) 1,1-Dichloropropene	5.764	75	66240	18.55	ug/l	99
37) Ethyl Acetate	4.788	43	61696	18.16	ug/l	99
38) Carbon Tetrachloride	5.752	117	63342	18.31	ug/l	94
39) Methylcyclohexane	7.441	83	83089	18.55	ug/l	95
40) Benzene	6.111	78	197614	18.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	35600	18.63	ug/l	99
42) 1,2-Dichloroethane	6.158	62	69927	19.65	ug/l	100
43) Isopropyl Acetate	6.406	43	103085	17.84	ug/l	99
44) Trichloroethene	7.188	130	55730	19.80	ug/l	92
45) 1,2-Dichloropropane	7.488	63	51841	19.32	ug/l	99
46) Dibromomethane	7.635	93	35943	19.90	ug/l	99
47) Bromodichloromethane	7.870	83	72105	19.16	ug/l	99
48) Methyl methacrylate	7.741	41	53645	18.50	ug/l	99
49) 1,4-Dioxane	7.712	88	20946	309.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	316669	94.11	ug/l	100
52) Toluene	8.765	92	131227	19.68	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	79633	18.87	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	87936	19.02	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	52783	20.04	ug/l	99
56) Ethyl methacrylate	9.159	69	78776	18.47	ug/l	98
57) 1,3-Dichloropropane	9.353	76	90475	20.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	204492	98.07	ug/l	99
59) 2-Hexanone	9.471	43	236301	93.59	ug/l	100
60) Dibromochloromethane	9.559	129	55008	19.79	ug/l	97
61) 1,2-Dibromoethane	9.653	107	54618	19.78	ug/l	100
64) Tetrachloroethene	9.318	164	52488	21.08	ug/l	99
65) Chlorobenzene	10.118	112	139968	19.28	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	49090	18.32	ug/l	97
67) Ethyl Benzene	10.235	91	247233	18.77	ug/l	99
68) m/p-Xylenes	10.341	106	191160	39.45	ug/l	96
69) o-Xylene	10.683	106	91999	19.45	ug/l	96
70) Styrene	10.694	104	153341	18.90	ug/l	99
71) Bromoform	10.836	173	40107	19.37	ug/l #	99
73) Isopropylbenzene	11.000	105	241282	19.03	ug/l	100
74) N-amyl acetate	10.883	43	88035	17.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	74482	18.22	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	65680m	19.02	ug/l	
77) Bromobenzene	11.236	156	57062	19.34	ug/l	99
78) n-propylbenzene	11.341	91	273539	18.91	ug/l	100
79) 2-Chlorotoluene	11.406	91	161641	18.45	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	195979	18.57	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	25763	16.51	ug/l	96
82) 4-Chlorotoluene	11.494	91	187826	18.60	ug/l	99
83) tert-Butylbenzene	11.753	119	188328	18.34	ug/l	96
84) 1,2,4-Trimethylbenzene	11.789	105	203274	18.98	ug/l	100
85) sec-Butylbenzene	11.930	105	229493	18.97	ug/l	99
86) p-Isopropyltoluene	12.047	119	204198	18.42	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	102744	19.45	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	103621	19.26	ug/l	99
89) n-Butylbenzene	12.371	91	176538	17.83	ug/l	99
90) Hexachloroethane	12.583	117	35413	16.73	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	98930	19.19	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15735	16.81	ug/l	93
93) 1,2,4-Trichlorobenzene	13.630	180	62602	18.93	ug/l	97
94) Hexachlorobutadiene	13.765	225	23441	17.70	ug/l	95
95) Naphthalene	13.818	128	206684	17.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	59547	18.13	ug/l	97

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

