

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021103.D
 Acq On : 09 Mar 2021 13:23
 Operator : JC/MD
 Sample : VX0309WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:43:23 PM

Quant Time: Mar 10 00:29:28 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	5.629	168	211482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	361880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	338027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	154208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	138613	48.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.04%
35) Dibromofluoromethane	5.458	113	113346	51.55	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.10%
50) Toluene-d8	8.694	98	441900	51.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.10%
62) 4-Bromofluorobenzene	11.118	95	158216	49.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.82%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38152	16.68	ug/l	96
3) Chloromethane	1.311	50	46334	18.24	ug/l	99
4) Vinyl Chloride	1.393	62	52789	18.05	ug/l	100
5) Bromomethane	1.628	94	30617	28.72	ug/l	100
6) Chloroethane	1.711	64	34039	18.60	ug/l	99
7) Trichlorofluoromethane	1.917	101	69156	18.73	ug/l	97
8) Diethyl Ether	2.170	74	31666	18.48	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.370	101	41689	18.33	ug/l	98
10) Methyl Iodide	2.487	142	53460	17.49	ug/l	98
11) Tert butyl alcohol	3.005	59	45755	71.93	ug/l	98
12) 1,1-Dichloroethene	2.358	96	41157	17.39	ug/l	97
13) Acrolein	2.270	56	35365	89.78	ug/l	100
14) Allyl chloride	2.705	41	65266	16.87	ug/l	98
15) Acrylonitrile	3.111	53	118633	87.40	ug/l	98
16) Acetone	2.417	43	97130	82.52	ug/l	97
17) Carbon Disulfide	2.552	76	112186	16.63	ug/l	100
18) Methyl Acetate	2.746	43	49178	17.66	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	150684	17.82	ug/l	98
20) Methylene Chloride	2.834	84	50148	17.76	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	46691	17.56	ug/l	99
22) Diisopropyl ether	3.823	45	140040	18.01	ug/l	93
23) Vinyl Acetate	3.782	43	576739	86.72	ug/l	99
24) 1,1-Dichloroethane	3.670	63	84187	18.38	ug/l	100
25) 2-Butanone	4.629	43	149426	83.57	ug/l	97
26) 2,2-Dichloropropane	4.546	77	68624	16.50	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	54817	17.90	ug/l	100
28) Bromochloromethane	4.976	49	35885	18.31	ug/l	99
29) Tetrahydrofuran	5.082	42	96792	84.33	ug/l	100
30) Chloroform	5.170	83	86945	18.84	ug/l	98
31) Cyclohexane	5.547	56	71668	17.33	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	73371	18.25	ug/l	99
36) 1,1-Dichloropropene	5.764	75	65023	18.90	ug/l	99
37) Ethyl Acetate	4.788	43	58682	17.93	ug/l	100
38) Carbon Tetrachloride	5.753	117	60784	18.24	ug/l	97
39) Methylcyclohexane	7.441	83	78816	18.27	ug/l	96
40) Benzene	6.111	78	195593	18.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	33765	18.35	ug/l	99
42) 1,2-Dichloroethane	6.158	62	69974	20.41	ug/l	100
43) Isopropyl Acetate	6.406	43	96906	17.41	ug/l	99
44) Trichloroethene	7.188	130	54155	19.98	ug/l	96
45) 1,2-Dichloropropane	7.488	63	51552	19.95	ug/l	96
46) Dibromomethane	7.635	93	33715	19.38	ug/l	99
47) Bromodichloromethane	7.870	83	71053	19.61	ug/l	98
48) Methyl methacrylate	7.741	41	50612	18.13	ug/l	99
49) 1,4-Dioxane	7.712	88	23095	354.34	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	294675	90.92	ug/l	99
52) Toluene	8.765	92	126082	19.64	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	75093	18.48	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	83892	18.84	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	51695	20.38	ug/l	98
56) Ethyl methacrylate	9.159	69	74498	18.14	ug/l	99
57) 1,3-Dichloropropane	9.353	76	88033	20.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	195847	97.52	ug/l	99
59) 2-Hexanone	9.471	43	217877	89.60	ug/l	100
60) Dibromochloromethane	9.559	129	55476	20.72	ug/l	99
61) 1,2-Dibromoethane	9.653	107	54338	20.43	ug/l	98
64) Tetrachloroethene	9.318	164	53077	21.76	ug/l	95
65) Chlorobenzene	10.118	112	133941	18.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	48097	18.32	ug/l	97
67) Ethyl Benzene	10.235	91	238373	18.47	ug/l	99
68) m/p-Xylenes	10.341	106	179113	37.71	ug/l	97
69) o-Xylene	10.683	106	87398	18.85	ug/l	96
70) Styrene	10.694	104	148277	18.65	ug/l	99
71) Bromoform	10.841	173	37532	18.50	ug/l #	100
73) Isopropylbenzene	11.000	105	233338	19.16	ug/l	100
74) N-amyl acetate	10.883	43	81355	16.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.247	83	70495	17.95	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	61897m	18.66	ug/l	
77) Bromobenzene	11.236	156	56825	20.05	ug/l	96
78) n-propylbenzene	11.341	91	261391	18.82	ug/l	99
79) 2-Chlorotoluene	11.400	91	156180	18.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	193084	19.05	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	22743	15.18	ug/l	98
82) 4-Chlorotoluene	11.494	91	178880	18.44	ug/l	99
83) tert-Butylbenzene	11.753	119	179095	18.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	191530	18.62	ug/l	98
85) sec-Butylbenzene	11.930	105	218021	18.76	ug/l	100
86) p-Isopropyltoluene	12.047	119	202995	19.06	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	102491	20.20	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	96868	18.74	ug/l	98
89) n-Butylbenzene	12.371	91	170560	17.94	ug/l	99
90) Hexachloroethane	12.583	117	33997	16.72	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	95631	19.31	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14538	16.17	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	59381	18.69	ug/l	99
94) Hexachlorobutadiene	13.765	225	22727	17.86	ug/l	95
95) Naphthalene	13.818	128	191777	16.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	59399	18.83	ug/l	98

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

