

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020970.D
 Acq On : 02 Mar 2021 17:32
 Operator : JC/MD
 Sample : VX0304WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:01:21 AM

Quant Time: Mar 03 01:16:31 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	196325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	333555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	301716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	133982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	123278	46.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.98%		
35) Dibromofluoromethane	5.464	113	101152	49.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.82%		
50) Toluene-d8	8.694	98	390495	49.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.84%		
62) 4-Bromofluorobenzene	11.118	95	135445	46.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.72%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	35634	16.79	ug/l	99
3) Chloromethane	1.311	50	41875	17.75	ug/l	100
4) Vinyl Chloride	1.393	62	47888	17.64	ug/l	98
5) Bromomethane	1.628	94	22867	21.73	ug/l	98
6) Chloroethane	1.711	64	30254	17.81	ug/l	98
7) Trichlorofluoromethane	1.917	101	62560	18.25	ug/l	98
8) Diethyl Ether	2.170	74	28818	18.12	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.370	101	37422	17.72	ug/l	99
10) Methyl Iodide	2.493	142	50993	17.97	ug/l	96
11) Tert butyl alcohol	3.017	59	45941	77.80	ug/l	98
12) 1,1-Dichloroethene	2.358	96	39032	17.76	ug/l	92
13) Acrolein	2.275	56	32553	89.02	ug/l	97
14) Allyl chloride	2.711	41	60097	16.74	ug/l	99
15) Acrylonitrile	3.117	53	111007	88.10	ug/l	99
16) Acetone	2.417	43	91731	83.95	ug/l	98
17) Carbon Disulfide	2.552	76	106839	17.07	ug/l	99
18) Methyl Acetate	2.746	43	44753	17.32	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	141180	17.99	ug/l	98
20) Methylene Chloride	2.834	84	47523	18.13	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	43832	17.76	ug/l	95
22) Diisopropyl ether	3.823	45	126849	17.57	ug/l	98
23) Vinyl Acetate	3.782	43	532773	86.29	ug/l	98
24) 1,1-Dichloroethane	3.670	63	75633	17.79	ug/l	99
25) 2-Butanone	4.635	43	141889	85.48	ug/l	98
26) 2,2-Dichloropropane	4.552	77	63212	16.37	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	50350	17.71	ug/l	97
28) Bromochloromethane	4.982	49	31677	17.41	ug/l	95
29) Tetrahydrofuran	5.088	42	90189	84.65	ug/l	96
30) Chloroform	5.176	83	78493	18.32	ug/l	99
31) Cyclohexane	5.552	56	66114	17.22	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	67259	18.02	ug/l	99
36) 1,1-Dichloropropene	5.764	75	58945	18.59	ug/l	99
37) Ethyl Acetate	4.788	43	55339	18.35	ug/l	100
38) Carbon Tetrachloride	5.752	117	56014	18.24	ug/l	96
39) Methylcyclohexane	7.441	83	72389	18.21	ug/l	96
40) Benzene	6.111	78	179804	18.92	ug/l	100

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41) Methacrylonitrile	5.005	41	30866	18.19	ug/l	98
42) 1,2-Dichloroethane	6.158	62	62139	19.67	ug/l	98
43) Isopropyl Acetate	6.411	43	91198	17.78	ug/l	99
44) Trichloroethene	7.188	130	48107	19.25	ug/l	97
45) 1,2-Dichloropropane	7.488	63	45044	18.91	ug/l	99
46) Dibromomethane	7.635	93	31571	19.69	ug/l	98
47) Bromodichloromethane	7.876	83	64663	19.36	ug/l	99
48) Methyl methacrylate	7.747	41	47552	18.48	ug/l	98
49) 1,4-Dioxane	7.717	88	22080	367.54	ug/l	96
51) 4-Methyl-2-Pentanone	8.617	43	275343	92.17	ug/l	100
52) Toluene	8.765	92	116901	19.75	ug/l	95
53) t-1,3-Dichloropropene	9.023	75	69010	18.42	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	75680	18.44	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	47804	20.44	ug/l	99
56) Ethyl methacrylate	9.159	69	68824	18.18	ug/l	99
57) 1,3-Dichloropropane	9.353	76	78694	19.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	168918	91.26	ug/l	97
59) 2-Hexanone	9.470	43	201176	89.76	ug/l	100
60) Dibromochloromethane	9.565	129	48930	19.83	ug/l	97
61) 1,2-Dibromoethane	9.653	107	48851	19.93	ug/l	99
64) Tetrachloroethene	9.318	164	46674	21.43	ug/l	92
65) Chlorobenzene	10.118	112	120763	19.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	43317	18.48	ug/l	97
67) Ethyl Benzene	10.235	91	214485	18.62	ug/l	99
68) m/p-Xylenes	10.341	106	162055	38.23	ug/l	97
69) o-Xylene	10.682	106	77818	18.81	ug/l	96
70) Styrene	10.694	104	131407	18.51	ug/l	97
71) Bromoform	10.841	173	33209	18.34	ug/l #	97
73) Isopropylbenzene	11.000	105	204983	19.37	ug/l	100
74) N-amyl acetate	10.882	43	72600	16.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	62222	18.24	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	53457m	18.55	ug/l	
77) Bromobenzene	11.241	156	49284	20.01	ug/l	99
78) n-propylbenzene	11.341	91	230050	19.06	ug/l	99
79) 2-Chlorotoluene	11.406	91	137012	18.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	168548	19.14	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	21111	16.22	ug/l	98
82) 4-Chlorotoluene	11.494	91	158388	18.79	ug/l	100
83) tert-Butylbenzene	11.753	119	162191	18.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.788	105	170957	19.13	ug/l	100
85) sec-Butylbenzene	11.930	105	195617	19.38	ug/l	100
86) p-Isopropyltoluene	12.047	119	175184	18.93	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	85861	19.48	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	88742	19.76	ug/l	98
89) n-Butylbenzene	12.371	91	148674	18.00	ug/l	99
90) Hexachloroethane	12.577	117	30812	17.44	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	86624	20.13	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14001	17.92	ug/l	99
93) 1,2,4-Trichlorobenzene	13.630	180	53788	19.49	ug/l	98
94) Hexachlorobutadiene	13.765	225	22828	20.65	ug/l	98
95) Naphthalene	13.818	128	191267	19.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	56403	20.58	ug/l	98

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

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