

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021081.D
 Acq On : 08 Mar 2021 23:35
 Operator : JC/MD
 Sample : VX0308WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:04:28 PM

Quant Time: Mar 09 01:13:16 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	216402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	381175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	353071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	161800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137643	47.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.18%		
35) Dibromofluoromethane	5.464	113	113947	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	8.694	98	442801	49.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.08%		
62) 4-Bromofluorobenzene	11.118	95	161430	48.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	36403	15.56	ug/l	99
3) Chloromethane	1.311	50	45833	17.63	ug/l	99
4) Vinyl Chloride	1.393	62	51358	17.16	ug/l	100
5) Bromomethane	1.628	94	31425	28.83	ug/l	98
6) Chloroethane	1.711	64	33535	17.91	ug/l	99
7) Trichlorofluoromethane	1.917	101	67523	17.87	ug/l	95
8) Diethyl Ether	2.170	74	30652	17.48	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.370	101	38900	16.71	ug/l	99
10) Methyl Iodide	2.493	142	52629	16.83	ug/l	97
11) Tert butyl alcohol	3.005	59	44828	68.87	ug/l	98
12) 1,1-Dichloroethene	2.358	96	40980	16.92	ug/l	98
13) Acrolein	2.270	56	34637	85.93	ug/l	99
14) Allyl chloride	2.711	41	63611	16.07	ug/l	99
15) Acrylonitrile	3.111	53	113681	81.85	ug/l	100
16) Acetone	2.417	43	88767	73.70	ug/l	99
17) Carbon Disulfide	2.552	76	110623	16.03	ug/l	100
18) Methyl Acetate	2.746	43	46979	16.49	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	148205	17.13	ug/l	99
20) Methylene Chloride	2.834	84	49534	17.14	ug/l	97
21) trans-1,2-Dichloroethene	3.140	96	46146	16.96	ug/l	98
22) Diisopropyl ether	3.823	45	137805	17.32	ug/l	97
23) Vinyl Acetate	3.782	43	555447	81.62	ug/l	100
24) 1,1-Dichloroethane	3.670	63	83167	17.74	ug/l	100
25) 2-Butanone	4.629	43	141403	77.28	ug/l	98
26) 2,2-Dichloropropane	4.546	77	59952	14.08	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	54275	17.32	ug/l	97
28) Bromochloromethane	4.982	49	35713	17.81	ug/l	100
29) Tetrahydrofuran	5.082	42	93156	79.32	ug/l	100
30) Chloroform	5.176	83	84964	17.99	ug/l	94
31) Cyclohexane	5.546	56	69341	16.38	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	71245	17.32	ug/l	98
36) 1,1-Dichloropropene	5.764	75	62473	17.24	ug/l	99
37) Ethyl Acetate	4.788	43	56124	16.28	ug/l	99
38) Carbon Tetrachloride	5.752	117	60020	17.10	ug/l	99
39) Methylcyclohexane	7.441	83	73135	16.10	ug/l	95
40) Benzene	6.111	78	193064	17.78	ug/l	96

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41) Methacrylonitrile	4.999	41	31934	16.47	ug/l	99
42) 1,2-Dichloroethane	6.158	62	66669	18.46	ug/l	98
43) Isopropyl Acetate	6.405	43	92967	15.86	ug/l	100
44) Trichloroethene	7.188	130	52608	18.42	ug/l	97
45) 1,2-Dichloropropane	7.488	63	49979	18.36	ug/l	95
46) Dibromomethane	7.635	93	33150	18.09	ug/l	98
47) Bromodichloromethane	7.876	83	68018	17.82	ug/l	98
48) Methyl methacrylate	7.741	41	48590	16.52	ug/l	99
49) 1,4-Dioxane	7.711	88	22566	328.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	285959	83.77	ug/l	99
52) Toluene	8.765	92	124262	18.37	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	70646	16.50	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	80083	17.08	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	50362	18.85	ug/l	98
56) Ethyl methacrylate	9.159	69	71894	16.62	ug/l	98
57) 1,3-Dichloropropane	9.353	76	84859	18.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	184912	87.42	ug/l	99
59) 2-Hexanone	9.471	43	213503	83.36	ug/l	99
60) Dibromochloromethane	9.565	129	52861	18.74	ug/l	100
61) 1,2-Dibromoethane	9.653	107	51590	18.41	ug/l	98
64) Tetrachloroethene	9.318	164	49600	19.46	ug/l	95
65) Chlorobenzene	10.118	112	133452	17.95	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	47582	17.35	ug/l	95
67) Ethyl Benzene	10.235	91	232157	17.22	ug/l	98
68) m/p-Xylenes	10.341	106	179262	36.14	ug/l	98
69) o-Xylene	10.682	106	85886	17.74	ug/l	98
70) Styrene	10.694	104	150359	18.10	ug/l	97
71) Bromoform	10.835	173	36135	17.05	ug/l #	98
73) Isopropylbenzene	11.000	105	229567	17.97	ug/l	100
74) N-amyl acetate	10.882	43	79751	15.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	72190	17.52	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	61394m	17.64	ug/l	
77) Bromobenzene	11.235	156	57059	19.19	ug/l	96
78) n-propylbenzene	11.341	91	255508	17.53	ug/l	100
79) 2-Chlorotoluene	11.406	91	156126	17.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	189487	17.82	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21015	13.37	ug/l	96
82) 4-Chlorotoluene	11.494	91	176283	17.32	ug/l	99
83) tert-Butylbenzene	11.753	119	176355	17.05	ug/l	95
84) 1,2,4-Trimethylbenzene	11.788	105	195771	18.14	ug/l	100
85) sec-Butylbenzene	11.930	105	213646	17.52	ug/l	99
86) p-Isopropyltoluene	12.047	119	196260	17.56	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	99852	18.76	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	100959	18.62	ug/l	98
89) n-Butylbenzene	12.371	91	162017	16.24	ug/l	99
90) Hexachloroethane	12.577	117	33840	15.86	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	95879	18.45	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	14726	15.61	ug/l	94
93) 1,2,4-Trichlorobenzene	13.624	180	57117	17.14	ug/l	99
94) Hexachlorobutadiene	13.765	225	23200	17.38	ug/l	95
95) Naphthalene	13.818	128	193617	16.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	58265	17.60	ug/l	95

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

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