

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020805.D
 Acq On : 29 Jan 2021 15:29
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:53:50 AM

Quant Time: Jan 30 02:35:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	307413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	490495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	463047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	231430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	201899	48.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.30%			
35) Dibromofluoromethane	5.464	113	170144	50.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.28%			
50) Toluene-d8	8.696	98	604342	49.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.12%			
62) 4-Bromofluorobenzene	11.116	95	226876	47.43	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.86%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	89682	19.21	ug/l	99
3) Chloromethane	1.313	50	78467	18.14	ug/l	99
4) Vinyl Chloride	1.392	62	79651	18.47	ug/l	99
5) Bromomethane	1.624	94	46598	22.50	ug/l	96
6) Chloroethane	1.709	64	46799	19.18	ug/l	100
7) Trichlorofluoromethane	1.916	101	115464	19.74	ug/l	96
8) Diethyl Ether	2.166	74	40116	19.11	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	57476	19.25	ug/l	99
10) Methyl Iodide	2.489	142	75589	18.05	ug/l	93
11) Tert butyl alcohol	3.014	59	68007	86.88	ug/l	99
12) 1,1-Dichloroethene	2.355	96	56709	19.21	ug/l	99
13) Acrolein	2.270	56	49709	84.20	ug/l	99
14) Allyl chloride	2.703	41	98978	18.00	ug/l	94
15) Acrylonitrile	3.111	53	192759	97.29	ug/l	100
16) Acetone	2.416	43	147566	92.82	ug/l	100
17) Carbon Disulfide	2.550	76	162301	17.65	ug/l	100
18) Methyl Acetate	2.745	43	80367	19.79	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	213357	19.32	ug/l	100
20) Methylene Chloride	2.831	84	73290	18.27	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	66714	18.09	ug/l	99
22) Diisopropyl ether	3.825	45	207096	19.16	ug/l	95
23) Vinyl Acetate	3.782	43	849004	95.49	ug/l	99
24) 1,1-Dichloroethane	3.666	63	122412	18.74	ug/l	98
25) 2-Butanone	4.635	43	236392	94.94	ug/l	99
26) 2,2-Dichloropropane	4.550	77	101615	19.39	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	77041	19.05	ug/l	100
28) Bromochloromethane	4.971	49	47483	16.96	ug/l	100
29) Tetrahydrofuran	5.093	42	152359	95.00	ug/l	99
30) Chloroform	5.172	83	129722	19.32	ug/l	99
31) Cyclohexane	5.550	56	100077	17.75	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	113504	19.20	ug/l	99
36) 1,1-Dichloropropene	5.763	75	89493	18.18	ug/l	100
37) Ethyl Acetate	4.794	43	90273	19.34	ug/l	99
38) Carbon Tetrachloride	5.751	117	102700	19.84	ug/l	96
39) Methylcyclohexane	7.440	83	100857	17.98	ug/l	99
40) Benzene	6.111	78	278075	19.18	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	49235	18.85	ug/l	98
42) 1,2-Dichloroethane	6.159	62	100693	19.47	ug/l	99
43) Isopropyl Acetate	6.409	43	140068	18.82	ug/l	99
44) Trichloroethene	7.184	130	73865	19.15	ug/l	95
45) 1,2-Dichloropropane	7.488	63	72899	19.29	ug/l	96
46) Dibromomethane	7.635	93	49579	19.55	ug/l	99
47) Bromodichloromethane	7.873	83	102069	19.05	ug/l	98
48) Methyl methacrylate	7.745	41	68512	18.23	ug/l	98
49) 1,4-Dioxane	7.714	88	30252	343.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	460521	98.08	ug/l	100
52) Toluene	8.763	92	175482	19.25	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	103883	18.42	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	115946	19.07	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	75667	19.99	ug/l	96
56) Ethyl methacrylate	9.159	69	97643	18.00	ug/l	98
57) 1,3-Dichloropropane	9.348	76	122288	19.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	247809	94.62	ug/l	100
59) 2-Hexanone	9.470	43	344373	98.52	ug/l	98
60) Dibromochloromethane	9.561	129	80319	19.19	ug/l	99
61) 1,2-Dibromoethane	9.653	107	75292	19.22	ug/l	99
64) Tetrachloroethene	9.317	164	73453	20.69	ug/l	97
65) Chlorobenzene	10.122	112	188242	18.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	71545	19.24	ug/l	99
67) Ethyl Benzene	10.232	91	321371	18.50	ug/l	99
68) m/p-Xylenes	10.342	106	248555	38.37	ug/l	99
69) o-Xylene	10.683	106	116668	19.15	ug/l	100
70) Styrene	10.695	104	199247	19.05	ug/l	100
71) Bromoform	10.842	173	56213	18.83	ug/l	98
73) Isopropylbenzene	11.000	105	320712	19.17	ug/l	100
74) N-amyl acetate	10.878	43	112840	17.40	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	112562	19.97	ug/l	100
76) 1,2,3-Trichloropropane	11.281	75	106693m	19.88	ug/l	
77) Bromobenzene	11.238	156	80392	18.99	ug/l	99
78) n-propylbenzene	11.341	91	364056	18.85	ug/l	100
79) 2-Chlorotoluene	11.402	91	223542	18.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	275985	19.30	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	33507	17.49	ug/l	96
82) 4-Chlorotoluene	11.494	91	260504	18.66	ug/l	100
83) tert-Butylbenzene	11.756	119	256341	18.57	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	280829	19.47	ug/l	97
85) sec-Butylbenzene	11.927	105	297167	18.62	ug/l	100
86) p-Isopropyltoluene	12.049	119	279272	18.86	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	146075	18.93	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	144843	18.08	ug/l	96
89) n-Butylbenzene	12.372	91	226674	17.09	ug/l	98
90) Hexachloroethane	12.579	117	45577	17.09	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	147029	19.78	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	24007	19.22	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	86228	17.89	ug/l	98
94) Hexachlorobutadiene	13.762	225	38215	16.82	ug/l	99
95) Naphthalene	13.817	128	294455	18.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	87677	18.68	ug/l	96

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

