

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021142.D
 Acq On : 10 Mar 2021 17:57
 Operator : JC/MD
 Sample : M1605-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33010

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:35:12 PM

Quant Time: Mar 11 02:14:17 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	5.629	168	408965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	613222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	774054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	465215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	168787	30.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 61.10%			
35) Dibromofluoromethane	5.464	113	159824	42.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 85.80%			
50) Toluene-d8	8.694	98	965136	66.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 132.88%#			
62) 4-Bromofluorobenzene	11.118	95	457902	85.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 170.48%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	83335	18.85	ug/l	100
3) Chloromethane	1.311	50	53530	10.89	ug/l	100
4) Vinyl Chloride	1.393	62	111982	19.80	ug/l	100
5) Bromomethane	1.640	94	48975	22.54	ug/l	97
6) Chloroethane	1.711	64	74505	21.05	ug/l	98
7) Trichlorofluoromethane	1.917	101	41740	5.85	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	24611	5.59	ug/l	98
10) Methyl Iodide	2.493	142	115175	19.49	ug/l	98
12) 1,1-Dichloroethene	2.358	96	17851	3.90	ug/l	98
13) Acrolein	2.275	56	5761	7.56	ug/l	99
14) Allyl chloride	2.711	41	31649	4.23	ug/l	93
15) Acrylonitrile	3.123	53	17780	6.77	ug/l	98
16) Acetone	2.428	43	65784	28.90	ug/l	99
17) Carbon Disulfide	2.552	76	80559	6.18	ug/l	100
18) Methyl Acetate	2.752	43	30793	5.72	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	60651	3.71	ug/l	97
20) Methylene Chloride	2.834	84	116734	21.38	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	21371	4.16	ug/l	99
22) Diisopropyl ether	3.823	45	120003	7.98	ug/l	90
23) Vinyl Acetate	3.782	43	264462	20.56	ug/l	99
24) 1,1-Dichloroethane	3.670	63	29147	3.29	ug/l	99
25) 2-Butanone	4.635	43	35833	10.36	ug/l	100
26) 2,2-Dichloropropane	4.552	77	42777	5.32	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	20822	3.52	ug/l	94
28) Bromochloromethane	4.976	49	15027	3.97	ug/l	100
30) Chloroform	5.170	83	27940	3.13	ug/l	97
31) Cyclohexane	5.546	56	66572	8.32	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	51962	6.68	ug/l	98
36) 1,1-Dichloropropene	5.770	75	63982	10.98	ug/l	99
37) Ethyl Acetate	4.793	43	16737	3.02	ug/l	99
38) Carbon Tetrachloride	5.752	117	45840	8.12	ug/l	99
39) Methylcyclohexane	7.441	83	80250	10.98	ug/l	97
40) Benzene	6.111	78	192479	11.02	ug/l	100
41) Methacrylonitrile	5.005	41	3951	1.27	ug/l	96
42) 1,2-Dichloroethane	6.158	62	19959	3.44	ug/l	100
43) Isopropyl Acetate	6.411	43	39179	4.15	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.188	130	48499	10.56	ug/l	99
45) 1,2-Dichloropropane	7.488	63	40176	9.18	ug/l	97
46) Dibromomethane	7.635	93	7260	2.46	ug/l	99
47) Bromodichloromethane	7.870	83	41024	6.68	ug/l	96
48) Methyl methacrylate	7.747	41	27996	5.92	ug/l	100
51) 4-Methyl-2-Pentanone	8.617	43	170883	31.12	ug/l	100
52) Toluene	8.765	92	270040	24.82	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	53444	7.76	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	68687	9.11	ug/l	100
55) 1,1,2-Trichloroethane	9.194	97	30197	7.02	ug/l	98
56) Ethyl methacrylate	9.159	69	88577	12.73	ug/l	99
57) 1,3-Dichloropropane	9.353	76	55173	7.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	123405	36.26	ug/l	99
59) 2-Hexanone	9.470	43	159576	38.73	ug/l	100
60) Dibromochloromethane	9.565	129	30811	6.79	ug/l	98
61) 1,2-Dibromoethane	9.653	107	31133	6.91	ug/l	99
64) Tetrachloroethene	9.318	164	68335	12.23	ug/l	96
65) Chlorobenzene	10.124	112	207653	12.74	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	39495	6.57	ug/l	97
67) Ethyl Benzene	10.235	91	556511	18.83	ug/l	100
68) m/p-Xylenes	10.341	106	642879	59.11	ug/l	97
69) o-Xylene	10.682	106	351400	33.10	ug/l	98
70) Styrene	10.694	104	343701	18.87	ug/l	95
71) Bromoform	10.841	173	20820	4.48	ug/l #	98
73) Isopropylbenzene	11.000	105	508465	13.84	ug/l	100
74) N-amyl acetate	10.882	43	138777	9.33	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.253	83	47024	3.97	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	46947m	4.69	ug/l	
77) Bromobenzene	11.241	156	99741	11.66	ug/l	98
78) n-propylbenzene	11.341	91	760623	18.15	ug/l	99
79) 2-Chlorotoluene	11.406	91	439695	17.32	ug/l	88
80) 1,3,5-Trimethylbenzene	11.488	105	777783	25.44	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	16080	3.56	ug/l	95
82) 4-Chlorotoluene	11.494	91	448611	15.33	ug/l	95
83) tert-Butylbenzene	11.753	119	414355	13.93	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	1823395	58.75	ug/l	97
85) sec-Butylbenzene	11.930	105	533698	15.23	ug/l	99
86) p-Isopropyltoluene	12.047	119	527544	16.42	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	236203	15.43	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	231713	14.86	ug/l	98
89) n-Butylbenzene	12.371	91	539967	18.83	ug/l	89
90) Hexachloroethane	12.577	117	79017	12.88	ug/l	65
91) 1,2-Dichlorobenzene	12.377	146	206578	13.83	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17748	6.54	ug/l	72
93) 1,2,4-Trichlorobenzene	13.630	180	156635	16.34	ug/l	96
94) Hexachlorobutadiene	13.765	225	55736	14.52	ug/l	93
95) Naphthalene	13.818	128	1549034	45.41	ug/l	99
96) 1,2,3-Trichlorobenzene	14.006	180	145360	15.28	ug/l	97

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

