

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021589.D
 Acq On : 29 Mar 2021 19:57
 Operator : JC/MD
 Sample : M1785-11MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:58:51 AM

Quant Time: Mar 30 03:32:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	80858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	60876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	68504	50.92	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.84%			
35) Dibromofluoromethane	5.464	113	49400	52.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.30%			
50) Toluene-d8	8.694	98	177446	53.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.14%			
62) 4-Bromofluorobenzene	11.118	95	70685	54.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	40430	45.49	ug/l	100
3) Chloromethane	1.311	50	47201	46.20	ug/l	98
4) Vinyl Chloride	1.393	62	43397	47.74	ug/l	99
5) Bromomethane	1.623	94	18878	51.60	ug/l	99
6) Chloroethane	1.699	64	27175	47.14	ug/l	97
7) Trichlorofluoromethane	1.911	101	71686	48.49	ug/l	98
8) Diethyl Ether	2.170	74	24561	47.87	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.358	101	38821	46.64	ug/l	97
10) Methyl Iodide	2.487	142	32502	50.01	ug/l #	86
11) Tert butyl alcohol	3.023	59	53490	240.50	ug/l	96
12) 1,1-Dichloroethene	2.352	96	37088	45.51	ug/l	87
13) Acrolein	2.276	56	17034	153.52	ug/l	97
14) Allyl chloride	2.705	41	75734	45.79	ug/l #	89
15) Acrylonitrile	3.117	53	130888	247.62	ug/l	97
16) Acetone	2.423	43	123684	243.14	ug/l #	87
17) Carbon Disulfide	2.546	76	93663	40.93	ug/l	100
18) Methyl Acetate	2.746	43	77295	52.60	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	146288	48.07	ug/l	98
20) Methylene Chloride	2.834	84	45493	45.83	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	40770	45.55	ug/l	94
22) Diisopropyl ether	3.829	45	155845	48.50	ug/l	92
23) Vinyl Acetate	3.782	43	654282	240.71	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	82808	47.80	ug/l	97
25) 2-Butanone	4.635	43	189652	245.95	ug/l	90
26) 2,2-Dichloropropane	4.546	77	63170	42.09	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	49084	47.23	ug/l	93
28) Bromochloromethane	4.976	49	42725	49.26	ug/l	87
29) Tetrahydrofuran	5.088	42	122364	244.75	ug/l #	85
30) Chloroform	5.176	83	89811	49.12	ug/l	100
31) Cyclohexane	5.547	56	67637	45.72	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	77936	48.10	ug/l	96
36) 1,1-Dichloropropene	5.770	75	62114	47.99	ug/l	95
37) Ethyl Acetate	4.794	43	71146	47.54	ug/l #	92
38) Carbon Tetrachloride	5.752	117	69090	49.67	ug/l	94
39) Methylcyclohexane	7.441	83	65817	45.87	ug/l	95
40) Benzene	6.111	78	178102	48.46	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	41358	47.65	ug/l	88
42) 1,2-Dichloroethane	6.158	62	78288	49.13	ug/l	93
43) Isopropyl Acetate	6.411	43	119166	49.04	ug/l #	91
44) Trichloroethene	7.188	130	46472	47.91	ug/l	99
45) 1,2-Dichloropropane	7.488	63	48778	48.99	ug/l	98
46) Dibromomethane	7.635	93	35319	48.67	ug/l	93
47) Bromodichloromethane	7.876	83	73402	49.70	ug/l	98
48) Methyl methacrylate	7.747	41	64621	49.85	ug/l #	82
49) 1,4-Dioxane	7.712	88	23482	1011.84	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	389208	260.40	ug/l	88
52) Toluene	8.765	92	112689	49.64	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	73220	49.10	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	76892	48.45	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	48371	50.48	ug/l	96
56) Ethyl methacrylate	9.159	69	73224	45.44	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	82098	50.07	ug/l	99
59) 2-Hexanone	9.471	43	298619	266.07	ug/l	84
60) Dibromochloromethane	9.565	129	56155	52.33	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51635	50.17	ug/l	98
64) Tetrachloroethene	9.318	164	42221	50.19	ug/l	95
65) Chlorobenzene	10.118	112	122567	48.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	48792	50.47	ug/l	98
67) Ethyl Benzene	10.235	91	227904	49.56	ug/l	100
68) m/p-Xylenes	10.341	106	164754	100.56	ug/l	92
69) o-Xylene	10.683	106	79627	50.18	ug/l	94
70) Styrene	10.694	104	135716	49.73	ug/l	94
71) Bromoform	10.841	173	39524	50.31	ug/l #	96
73) Isopropylbenzene	11.000	105	312344	73.03	ug/l	100
74) N-amyl acetate	10.883	43	105675	51.06	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	77128	51.03	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	74481m	52.56	ug/l	
77) Bromobenzene	11.236	156	53921	50.85	ug/l	96
78) n-propylbenzene	11.341	91	444975	88.09	ug/l	98
79) 2-Chlorotoluene	11.406	91	154661	50.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	187231	51.24	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	23249	49.97	ug/l #	83
82) 4-Chlorotoluene	11.494	91	181113	49.78	ug/l	97
83) tert-Butylbenzene	11.753	119	190630	53.58	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	411854	111.80	ug/l	99
85) sec-Butylbenzene	11.930	105	249721	60.85	ug/l	96
86) p-Isopropyltoluene	12.047	119	193995	51.93	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	95276	49.90	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	96129	48.67	ug/l	98
89) n-Butylbenzene	12.371	91	189224	55.29	ug/l	96
90) Hexachloroethane	12.577	117	36484	54.11	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	94819	51.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18624	48.94	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	62266	51.17	ug/l	96
94) Hexachlorobutadiene	13.765	225	24193	44.05	ug/l	97
95) Naphthalene	13.818	128	211826	53.38	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	58650	48.22	ug/l	97

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

