

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018334.D
 Acq On : 12 Mar 2021 23:12
 Operator : SY/VA
 Sample : MDL07
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:38 PM

Quant Time: Mar 13 05:16:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 05:15:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	126197	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	225925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	204107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	98145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	86180	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
35) Dibromofluoromethane	7.884	113	77948	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.323	98	278436	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.615	95	108546	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	2617	2.28	ug/l	88
3) Chloromethane	2.215	50	2425	2.56	ug/l	# 88
4) Vinyl Chloride	2.367	62	3040	2.13	ug/l	92
5) Bromomethane	2.788	94	3203	2.82	ug/l	98
6) Chloroethane	2.928	64	1948	2.23	ug/l	# 85
7) Trichlorofluoromethane	3.263	101	2337	1.68	ug/l	99
8) Diethyl Ether	3.690	74	1939	2.84	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	3508	2.30	ug/l	95
10) Methyl Iodide	4.269	142	5178	2.49	ug/l	# 41
11) Tert butyl alcohol	5.165	59	1462m	22.55	ug/l	
12) 1,1-Dichloroethene	4.056	96	3285	2.24	ug/l	# 88
13) Acrolein	3.891	56	987	11.62	ug/l	99
14) Allyl chloride	4.671	41	3763	2.27	ug/l	95
15) Acrylonitrile	5.373	53	3400	12.59	ug/l	97
16) Acetone	4.123	43	3689	17.19	ug/l	# 86
17) Carbon Disulfide	4.385	76	8760	2.21	ug/l	97
18) Methyl Acetate	4.671	43	1565	2.84	ug/l	# 72
19) Methyl tert-butyl Ether	5.434	73	4648	2.64	ug/l	92
20) Methylene Chloride	4.915	84	10805	5.40	ug/l	99
21) trans-1,2-Dichloroethene	5.434	96	4165	2.53	ug/l	# 88
22) Diisopropyl ether	6.318	45	9052	2.64	ug/l	92
23) Vinyl Acetate	6.257	43	25672	12.41	ug/l	98
24) 1,1-Dichloroethane	6.214	63	6741	2.55	ug/l	96
25) 2-Butanone	7.177	43	4198	13.64	ug/l	90
26) 2,2-Dichloropropane	7.165	77	3718	2.25	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	4533	2.54	ug/l	94
28) Bromochloromethane	7.512	49	2643	2.76	ug/l	# 97
29) Tetrahydrofuran	7.537	42	2785	14.20	ug/l	97
30) Chloroform	7.677	83	8441	2.80	ug/l	97
31) Cyclohexane	7.957	56	8249	3.48	ug/l	# 77
32) 1,1,1-Trichloroethane	7.872	97	6391	2.49	ug/l	96
36) 1,1-Dichloropropene	8.085	75	5723	2.33	ug/l	98
37) Ethyl Acetate	7.256	43	2211	2.90	ug/l	# 90
38) Carbon Tetrachloride	8.073	117	6224	2.40	ug/l	# 95
39) Methylcyclohexane	9.341	83	6717	2.30	ug/l	88
40) Benzene	8.323	78	16514	2.57	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	1110	2.59	ug/l	93
42) 1,2-Dichloroethane	8.403	62	5859	2.76	ug/l	100
43) Isopropyl Acetate	8.427	43	3799	2.64	ug/l	99
44) Trichloroethene	9.091	130	4738	2.56	ug/l	99
45) 1,2-Dichloropropane	9.366	63	3868	2.62	ug/l	100
46) Dibromomethane	9.451	93	2395	2.62	ug/l	98
47) Bromodichloromethane	9.640	83	5882	2.51	ug/l #	94
48) Methyl methacrylate	9.439	41	1845	2.61	ug/l	91
49) 1,4-Dioxane	9.445	88	525	47.59	ug/l #	85
51) 4-Methyl-2-Pentanone	10.207	43	9678	13.15	ug/l	97
52) Toluene	10.384	92	10906	2.56	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	4847	2.33	ug/l	98
54) cis-1,3-Dichloropropene	10.067	75	5768	2.35	ug/l	96
55) 1,1,2-Trichloroethane	10.780	97	3300	2.70	ug/l #	80
56) Ethyl methacrylate	10.646	69	3574	2.59	ug/l	96
57) 1,3-Dichloropropane	10.933	76	5753	2.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	9755	14.07	ug/l	97
59) 2-Hexanone	10.969	43	6292	12.60	ug/l	100
60) Dibromochloromethane	11.128	129	3449	2.33	ug/l	99
61) 1,2-Dibromoethane	11.237	107	3269	2.72	ug/l	97
64) Tetrachloroethene	10.866	164	3499	2.40	ug/l	94
65) Chlorobenzene	11.658	112	12552	2.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	4032	2.45	ug/l	97
67) Ethyl Benzene	11.731	91	20880	2.42	ug/l	100
68) m/p-Xylenes	11.835	106	15397	4.81	ug/l	99
69) o-Xylene	12.164	106	7427	2.54	ug/l	93
70) Styrene	12.176	104	11838	2.37	ug/l	99
71) Bromoform	12.347	173	1899	2.49	ug/l #	97
73) Isopropylbenzene	12.463	105	19715	2.31	ug/l	100
74) N-amyl acetate	12.268	43	3249	2.44	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	3707	2.70	ug/l	95
76) 1,2,3-Trichloropropane	12.768	75	2639m	2.86	ug/l	
77) Bromobenzene	12.749	156	4954	2.76	ug/l	98
78) n-propylbenzene	12.804	91	24457	2.44	ug/l	100
79) 2-Chlorotoluene	12.890	91	14593	2.51	ug/l	95
80) 1,3,5-Trimethylbenzene	12.938	105	17520	2.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	808m	2.19	ug/l	
82) 4-Chlorotoluene	12.987	91	15408	2.53	ug/l	99
83) tert-Butylbenzene	13.207	119	14150	2.29	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	17684	2.43	ug/l	94
85) sec-Butylbenzene	13.383	105	20673	2.41	ug/l	99
86) p-Isopropyltoluene	13.493	119	18901	2.40	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	9597	2.65	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	9863	2.77	ug/l	87
89) n-Butylbenzene	13.822	91	18729	2.48	ug/l	98
90) Hexachloroethane	14.091	117	3239	2.38	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	8468	2.73	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	735	3.09	ug/l	80
93) 1,2,4-Trichlorobenzene	15.127	180	5749	2.72	ug/l	96
94) Hexachlorobutadiene	15.231	225	3142	2.55	ug/l	94
95) Naphthalene	15.365	128	10580	2.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	5527	3.02	ug/l	99

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

