

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068583.D
 Acq On : 11 Mar 2021 14:17
 Operator : VA/SY
 Sample : MDL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:27 PM

Quant Time: Mar 12 00:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 00:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	257190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	447763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	404784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	188089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125746	48.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.86%
35) Dibromofluoromethane	7.920	113	133500	49.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.98%
50) Toluene-d8	10.343	98	511886	47.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.30%
62) 4-Bromofluorobenzene	12.631	95	160903	46.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.94%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	7128	2.86	ug/l	91
3) Chloromethane	2.214	50	8404	2.66	ug/l	92
4) Vinyl Chloride	2.350	62	9778	2.61	ug/l	90
5) Bromomethane	2.773	94	8697	3.26	ug/l	99
6) Chloroethane	2.926	64	5975	2.47	ug/l #	83
7) Trichlorofluoromethane	3.279	101	13433	3.14	ug/l	98
8) Diethyl Ether	3.720	74	2545	2.00	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.097	101	7585	2.91	ug/l #	70
10) Methyl Iodide	4.308	142	5783	2.09	ug/l #	90
11) Tert butyl alcohol	5.220	59	4125m	30.07	ug/l	
12) 1,1-Dichloroethene	4.067	96	7058	2.73	ug/l #	63
13) Acrolein	3.920	56	1733	8.84	ug/l	85
14) Allyl chloride	4.732	41	9187	2.75	ug/l	97
15) Acrylonitrile	5.420	53	7489	13.95	ug/l #	87
16) Acetone	4.167	43	6202	15.19	ug/l	95
17) Carbon Disulfide	4.420	76	22251	2.63	ug/l #	90
18) Methyl Acetate	4.714	43	2936m	2.79	ug/l	
19) Methyl tert-butyl Ether	5.473	73	15902	2.84	ug/l #	86
20) Methylene Chloride	4.967	84	21638	6.25	ug/l #	80
21) trans-1,2-Dichloroethene	5.473	96	9601	3.11	ug/l	91
22) Diisopropyl ether	6.367	45	17185	2.34	ug/l	97
23) Vinyl Acetate	6.308	43	37935	9.96	ug/l	94
24) 1,1-Dichloroethane	6.267	63	13757	2.73	ug/l #	81
25) 2-Butanone	7.220	43	7884	13.44	ug/l #	74
26) 2,2-Dichloropropane	7.208	77	12204	2.91	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	8968	2.65	ug/l	92
28) Bromochloromethane	7.544	49	5317	2.71	ug/l #	85
29) Tetrahydrofuran	7.567	42	4682	12.29	ug/l	93
30) Chloroform	7.714	83	14820	2.79	ug/l	88
31) Cyclohexane	7.985	56	17316	3.71	ug/l #	88
32) 1,1,1-Trichloroethane	7.902	97	11914	2.63	ug/l #	91
36) 1,1-Dichloropropene	8.114	75	11264	2.65	ug/l	96
37) Ethyl Acetate	7.285	43	3589	2.54	ug/l #	91
38) Carbon Tetrachloride	8.096	117	11043	2.76	ug/l	92
39) Methylcyclohexane	9.361	83	12764	2.43	ug/l	97
40) Benzene	8.355	78	31967	2.62	ug/l #	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068583.D
 Acq On : 11 Mar 2021 14:17
 Operator : VA/SY
 Sample : MDL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2021 2:01:27 PM

Quant Time: Mar 12 00:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 00:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	1959m	2.39	ug/l	
42) 1,2-Dichloroethane	8.426	62	8874	2.76	ug/l	93
43) Isopropyl Acetate	8.449	43	6153	2.37	ug/l	93
44) Trichloroethene	9.120	130	9054	2.70	ug/l	92
45) 1,2-Dichloropropane	9.390	63	8184	2.80	ug/l #	84
46) Dibromomethane	9.479	93	4073	2.57	ug/l	93
47) Bromodichloromethane	9.661	83	10612	2.58	ug/l #	91
48) Methyl methacrylate	9.455	41	3056	2.21	ug/l #	80
49) 1,4-Dioxane	9.461	88	341	18.83	ug/l #	12
51) 4-Methyl-2-Pentanone	10.232	43	14466	10.65	ug/l	100
52) Toluene	10.402	92	20111	2.58	ug/l	91
53) t-1,3-Dichloropropene	10.620	75	10289	2.71	ug/l	89
54) cis-1,3-Dichloropropene	10.090	75	12059	2.60	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	6409	2.92	ug/l #	92
56) Ethyl methacrylate	10.667	69	5816	2.30	ug/l	95
57) 1,3-Dichloropropane	10.949	76	9784	2.55	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.943	63	14893	11.75	ug/l	95
59) 2-Hexanone	10.985	43	10424	11.51	ug/l	89
60) Dibromochloromethane	11.137	129	6753	2.48	ug/l	99
61) 1,2-Dibromoethane	11.243	107	5532	2.57	ug/l	91
64) Tetrachloroethene	10.879	164	8760	3.31	ug/l	92
65) Chlorobenzene	11.673	112	21593	2.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	7696	2.69	ug/l	93
67) Ethyl Benzene	11.743	91	36019	2.45	ug/l	98
68) m/p-Xylenes	11.855	106	27654	4.95	ug/l	98
69) o-Xylene	12.179	106	12771	2.48	ug/l	97
70) Styrene	12.196	104	21027	2.39	ug/l	94
71) Bromoform	12.361	173	3721	2.56	ug/l #	99
73) Isopropylbenzene	12.479	105	32474	2.33	ug/l	94
74) N-amyl acetate	12.290	43	4709	1.98	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	5794	2.41	ug/l	97
76) 1,2,3-Trichloropropane	12.784	75	3215m	1.93	ug/l	
77) Bromobenzene	12.761	156	8597	2.70	ug/l	94
78) n-propylbenzene	12.820	91	42502	2.55	ug/l	98
79) 2-Chlorotoluene	12.902	91	23029	2.49	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	28549	2.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	2106m	2.94	ug/l	
82) 4-Chlorotoluene	13.002	91	23595	2.42	ug/l	100
83) tert-Butylbenzene	13.220	119	21873	2.25	ug/l	92
84) 1,2,4-Trimethylbenzene	13.267	105	26822	2.34	ug/l	97
85) sec-Butylbenzene	13.396	105	33315	2.42	ug/l	99
86) p-Isopropyltoluene	13.514	119	30214	2.42	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	16926	2.75	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	17408	2.86	ug/l	87
89) n-Butylbenzene	13.843	91	28271	2.35	ug/l	100
90) Hexachloroethane	14.108	117	6073	2.45	ug/l	93
91) 1,2-Dichlorobenzene	13.884	146	14070	2.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1245	2.94	ug/l	68
93) 1,2,4-Trichlorobenzene	15.161	180	10768	2.64	ug/l	91
94) Hexachlorobutadiene	15.261	225	6115	2.70	ug/l	97
95) Naphthalene	15.396	128	17792	2.41	ug/l	97
96) 1,2,3-Trichlorobenzene	15.590	180	9708	2.75	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
Data File : VD068583.D
Acq On : 11 Mar 2021 14:17
Operator : VA/SY
Sample : MDL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
3/12/2021 2:01:27 PM

Quant Time: Mar 12 00:51:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 00:51:01 2021
Response via : Initial Calibration

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

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

