

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068813.D
 Acq On : 09 Apr 2021 15:50
 Operator : VA/SY
 Sample : M1967-02MS
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1AMS

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:54:49 PM

Quant Time: Apr 10 00:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	319862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	522598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	406871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	135634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	156401	46.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.54%		
35) Dibromofluoromethane	7.920	113	173129	50.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.86%		
50) Toluene-d8	10.338	98	612565	47.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.54%		
62) 4-Bromofluorobenzene	12.632	95	161134	37.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	129748	40.94	ug/l	99
3) Chloromethane	2.209	50	146132	39.22	ug/l	98
4) Vinyl Chloride	2.350	62	198662	42.44	ug/l	99
5) Bromomethane	2.773	94	149186	42.64	ug/l	99
6) Chloroethane	2.926	64	124565	40.50	ug/l	99
7) Trichlorofluoromethane	3.279	101	244839	44.45	ug/l	93
8) Diethyl Ether	3.714	74	65101	43.77	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	124071	37.32	ug/l	97
10) Methyl Iodide	4.303	142	160221	41.58	ug/l	100
11) Tert butyl alcohol	5.226	59	29617	153.52	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	139113	43.45	ug/l	98
13) Acrolein	3.926	56	1015	7.63	ug/l #	54
14) Allyl chloride	4.720	41	149339	41.39	ug/l	97
15) Acrylonitrile	5.420	53	124395	186.34	ug/l	98
16) Acetone	4.161	43	105933	226.29	ug/l	96
17) Carbon Disulfide	4.414	76	385662	37.22	ug/l	99
18) Methyl Acetate	4.720	43	109075	84.82	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	309912	43.62	ug/l	93
20) Methylene Chloride	4.967	84	193818	51.24	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	186383	45.33	ug/l	96
22) Diisopropyl ether	6.367	45	359137	41.08	ug/l	97
23) Vinyl Acetate	6.367	43	341803m	73.77	ug/l	
24) 1,1-Dichloroethane	6.267	63	295857	44.88	ug/l	98
25) 2-Butanone	7.214	43	118553	178.97	ug/l	97
26) 2,2-Dichloropropane	7.214	77	238495	44.29	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	186526	45.65	ug/l	97
28) Bromochloromethane	7.549	49	107685	45.26	ug/l	85
29) Tetrahydrofuran	7.561	42	79046	177.44	ug/l	93
30) Chloroform	7.714	83	325169	45.07	ug/l	98
31) Cyclohexane	7.991	56	154257	27.42	ug/l	97
32) 1,1,1-Trichloroethane	7.908	97	284168	45.07	ug/l	98
36) 1,1-Dichloropropene	8.114	75	229374	43.36	ug/l	99
37) Ethyl Acetate	7.297	43	46544	29.96	ug/l	98
38) Carbon Tetrachloride	8.097	117	225057	42.97	ug/l	96
39) Methylcyclohexane	9.355	83	115128	18.66	ug/l	95
40) Benzene	8.355	78	701553	45.32	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068813.D
 Acq On : 09 Apr 2021 15:50
 Operator : VA/SY
 Sample : M1967-02MS
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1AMS

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:54:49 PM

Quant Time: Apr 10 00:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	38426m	41.78	ug/l	
42) 1,2-Dichloroethane	8.426	62	177090	43.28	ug/l	99
43) Isopropyl Acetate	8.449	43	114961	36.30	ug/l	94
44) Trichloroethene	9.114	130	192313	44.98	ug/l	99
45) 1,2-Dichloropropane	9.391	63	158165	42.78	ug/l	92
46) Dibromomethane	9.479	93	95250	46.25	ug/l	94
47) Bromodichloromethane	9.661	83	227889	42.35	ug/l	98
48) Methyl methacrylate	9.455	41	68573	43.93	ug/l	93
49) 1,4-Dioxane	9.461	88	17940	822.72	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	303714	190.24	ug/l	100
52) Toluene	10.402	92	421616	43.02	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	199314	41.79	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	238292	41.77	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	124006	42.58	ug/l	98
56) Ethyl methacrylate	10.661	69	108574	36.22	ug/l	96
57) 1,3-Dichloropropane	10.943	76	201852	42.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	338471	214.66	ug/l	96
59) 2-Hexanone	10.985	43	205283	192.17	ug/l	99
60) Dibromochloromethane	11.143	129	147205	40.31	ug/l	98
61) 1,2-Dibromoethane	11.243	107	119072	42.07	ug/l	99
64) Tetrachloroethene	10.879	164	123135	43.17	ug/l	98
65) Chlorobenzene	11.667	112	422398	47.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	158227	49.97	ug/l	99
67) Ethyl Benzene	11.743	91	662956	43.47	ug/l	99
68) m/p-Xylenes	11.849	106	506780	86.11	ug/l	99
69) o-Xylene	12.179	106	236096	44.12	ug/l	99
70) Styrene	12.190	104	414299	44.42	ug/l	99
71) Bromoform	12.361	173	73432	43.28	ug/l #	97
73) Isopropylbenzene	12.479	105	497638	50.25	ug/l	100
74) N-amyl acetate	12.285	43	21553	12.83	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.726	83	113815	61.49	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	88907m	71.75	ug/l	
77) Bromobenzene	12.755	156	148326	62.30	ug/l	96
78) n-propylbenzene	12.820	91	510042	42.40	ug/l	99
79) 2-Chlorotoluene	12.908	91	329932	49.10	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	360118	43.49	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	29891	55.98	ug/l	98
82) 4-Chlorotoluene	13.002	91	357203	50.15	ug/l	98
83) tert-Butylbenzene	13.220	119	267223	38.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	373005	44.61	ug/l	99
85) sec-Butylbenzene	13.396	105	297049	29.96	ug/l	99
86) p-Isopropyltoluene	13.514	119	270556	29.88	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	205502	43.57	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	207333	44.41	ug/l	98
89) n-Butylbenzene	13.837	91	195987	22.98	ug/l	99
90) Hexachloroethane	14.108	117	48705	27.01	ug/l	91
91) 1,2-Dichlorobenzene	13.884	146	177244	43.42	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	15057	53.51	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	58963	23.34	ug/l	99
94) Hexachlorobutadiene	15.261	225	21660	14.98	ug/l	99
95) Naphthalene	15.396	128	157328	35.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	47604	21.55	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
Data File : VD068813.D
Acq On : 09 Apr 2021 15:50
Operator : VA/SY
Sample : M1967-02MS
Misc : 6.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SED-1AMS

Manual Integrations
APPROVED

MMDadoda
4/12/2021 2:54:49 PM

Quant Time: Apr 10 00:42:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068813.D
 Acq On : 09 Apr 2021 15:50
 Operator : VA/SY
 Sample : M1967-02MS
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SED-1AMS

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 2:54:49 PM

Quant Time: Apr 10 00:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

