

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	316334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	524862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177711	47.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.48%		
35) Dibromofluoromethane	7.914	113	185578	53.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.36%		
50) Toluene-d8	10.332	98	714099	53.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.06%		
62) 4-Bromofluorobenzene	12.620	95	240298	53.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	166249	43.09	ug/l	99
3) Chloromethane	2.209	50	205219	42.84	ug/l	97
4) Vinyl Chloride	2.350	62	234773	44.23	ug/l	100
5) Bromomethane	2.762	94	154764	47.86	ug/l	96
6) Chloroethane	2.920	64	140105	41.33	ug/l	95
7) Trichlorofluoromethane	3.267	101	316360	45.98	ug/l	98
8) Diethyl Ether	3.709	74	79606	44.47	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	191298	45.88	ug/l	98
10) Methyl Iodide	4.303	142	176784	41.60	ug/l	97
11) Tert butyl alcohol	5.214	59	37552	203.62	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	165831	44.67	ug/l	92
13) Acrolein	3.920	56	46635	263.38	ug/l	99
14) Allyl chloride	4.709	41	221408	42.85	ug/l	98
15) Acrylonitrile	5.414	53	188866	243.20	ug/l	98
16) Acetone	4.150	43	185734	293.80	ug/l	97
17) Carbon Disulfide	4.409	76	591358	43.63	ug/l	99
18) Methyl Acetate	4.714	43	112013	45.92	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	360367	48.73	ug/l	97
20) Methylene Chloride	4.956	84	218113	46.17	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	208205	47.68	ug/l	96
22) Diisopropyl ether	6.361	45	514513	48.47	ug/l	98
23) Vinyl Acetate	6.303	43	1188128	246.18	ug/l	98
24) 1,1-Dichloroethane	6.261	63	353280	45.18	ug/l	99
25) 2-Butanone	7.208	43	215006	259.76	ug/l	97
26) 2,2-Dichloropropane	7.203	77	304185	47.01	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	220386	48.03	ug/l	97
28) Bromochloromethane	7.544	49	136475	50.13	ug/l	92
29) Tetrahydrofuran	7.561	42	131636	246.74	ug/l	99
30) Chloroform	7.708	83	380534	46.79	ug/l	98
31) Cyclohexane	7.985	56	302231	43.84	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	325653	46.48	ug/l	99
36) 1,1-Dichloropropene	8.108	75	286120	51.33	ug/l	98
37) Ethyl Acetate	7.291	43	95812	51.74	ug/l	99
38) Carbon Tetrachloride	8.091	117	302793	51.90	ug/l	98
39) Methylcyclohexane	9.350	83	326476	50.93	ug/l	99
40) Benzene	8.350	78	814604	49.58	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	50717m	53.10	ug/l	
42) 1,2-Dichloroethane	8.420	62	215461	50.71	ug/l	99
43) Isopropyl Acetate	8.450	43	174302	51.36	ug/l	98
44) Trichloroethene	9.108	130	200211	49.42	ug/l	99
45) 1,2-Dichloropropane	9.379	63	211794	50.51	ug/l	98
46) Dibromomethane	9.467	93	109686	50.97	ug/l	96
47) Bromodichloromethane	9.655	83	281870	50.75	ug/l	98
48) Methyl methacrylate	9.450	41	86291	54.25	ug/l	97
49) 1,4-Dioxane	9.461	88	24654	1127.41	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	479091	273.65	ug/l	98
52) Toluene	10.397	92	538550	53.36	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	249771	51.39	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	294014	50.24	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	154910	52.84	ug/l	98
56) Ethyl methacrylate	10.655	69	170424	48.71	ug/l	98
57) 1,3-Dichloropropane	10.938	76	263981	52.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	409539	289.93	ug/l	98
59) 2-Hexanone	10.973	43	350167	276.32	ug/l	99
60) Dibromochloromethane	11.132	129	183962	52.09	ug/l	99
61) 1,2-Dibromoethane	11.238	107	141961	52.00	ug/l	97
64) Tetrachloroethene	10.867	164	163721	50.18	ug/l	97
65) Chlorobenzene	11.661	112	535707	49.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	200753	49.74	ug/l	97
67) Ethyl Benzene	11.738	91	978164	52.25	ug/l	99
68) m/p-Xylenes	11.844	106	783373	106.25	ug/l	100
69) o-Xylene	12.173	106	349845	53.35	ug/l	100
70) Styrene	12.185	104	635179	54.97	ug/l	99
71) Bromoform	12.349	173	101443	53.54	ug/l #	98
73) Isopropylbenzene	12.473	105	917447	50.13	ug/l	99
74) N-amyl acetate	12.279	43	170267	49.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	172580	48.23	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	127498m	56.11	ug/l	
77) Bromobenzene	12.749	156	200877	49.09	ug/l	98
78) n-propylbenzene	12.808	91	1191409	51.44	ug/l	100
79) 2-Chlorotoluene	12.896	91	675070	49.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	811323	51.98	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	49869	48.73	ug/l	99
82) 4-Chlorotoluene	12.996	91	717632	50.52	ug/l	100
83) tert-Butylbenzene	13.208	119	659092	51.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	812193	52.30	ug/l	100
85) sec-Butylbenzene	13.390	105	1020948	51.05	ug/l	99
86) p-Isopropyltoluene	13.502	119	848509	51.95	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	424953	49.46	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	415028	48.72	ug/l	99
89) n-Butylbenzene	13.832	91	795320	51.00	ug/l	100
90) Hexachloroethane	14.096	117	166043	47.02	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	366042	49.96	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23977	46.41	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	201907	51.19	ug/l	98
94) Hexachlorobutadiene	15.255	225	127538	51.17	ug/l	99
95) Naphthalene	15.384	128	364136	45.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	177920	51.21	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070671.D
Acq On : 12 Oct 2021 11:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 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\VD101221\
Data File : VD070671.D
Acq On : 12 Oct 2021 11:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

