

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064208.D
 Acq On : 14 Nov 2019 11:26
 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
 11/15/2019 3:06:02 PM

Quant Time: Nov 15 05:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	712515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1001465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	847056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	408944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	274433	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.92	113	278109	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.34	98	1074032	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.64	95	350678	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	297132	50.281	ug/l	98
3) Chloromethane	2.21	50	337851	53.301	ug/l	100
4) Vinyl Chloride	2.35	62	394969	58.270	ug/l	100
5) Bromomethane	2.77	94	257173	60.085	ug/l	98
6) Chloroethane	2.92	64	251934	58.167	ug/l	100
7) Trichlorofluoromethane	3.27	101	645173	58.708	ug/l	98
8) Diethyl Ether	3.71	74	138842	45.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	322187	51.294	ug/l	98
10) Methyl Iodide	4.29	142	359402	50.120	ug/l	99
11) Tert butyl alcohol	5.25	59	91479	223.503	ug/l	95
12) 1,1-Dichloroethene	4.06	96	313098	52.296	ug/l	93
13) Acrolein	3.93	56	96426	278.483	ug/l	99
14) Allyl chloride	4.71	41	526215	49.710	ug/l	98
15) Acrylonitrile	5.43	53	291795	226.515	ug/l	99
16) Acetone	4.17	43	382870	275.795	ug/l	95
17) Carbon Disulfide	4.40	76	958270	51.395	ug/l	99
18) Methyl Acetate	4.72	43	173614	44.776	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	667536	46.704	ug/l	95
20) Methylene Chloride	4.96	84	315777	45.031	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	347361	51.209	ug/l	95
22) Diisopropyl ether	6.37	45	953515	48.547	ug/l	97
23) Vinyl Acetate	6.31	43	2658105	242.785	ug/l	100
24) 1,1-Dichloroethane	6.26	63	588231	51.580	ug/l	98
25) 2-Butanone	7.22	43	413035	230.291	ug/l	99
26) 2,2-Dichloropropane	7.21	77	564281	50.455	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	365245	50.211	ug/l	98
28) Bromochloromethane	7.55	49	211629	53.302	ug/l	99
29) Tetrahydrofuran	7.57	42	236140	219.137	ug/l	99
30) Chloroform	7.71	83	600107	51.444	ug/l	99
31) Cyclohexane	7.98	56	559714	48.665	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	578258	51.770	ug/l	99
36) 1,1-Dichloropropene	8.11	75	471205	50.981	ug/l	100
37) Ethyl Acetate	7.30	43	170641	43.794	ug/l	98
38) Carbon Tetrachloride	8.09	117	521280	52.709	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064208.D
 Acq On : 14 Nov 2019 11:26
 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
 11/15/2019 3:06:02 PM

Quant Time: Nov 15 05:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	597745	51.110	ug/l	97
40) Benzene	8.35	78	1273534	50.416	ug/l	96
41) Methacrylonitrile	7.53	41	123199	50.305	ug/l	94
42) 1,2-Dichloroethane	8.43	62	367433	48.431	ug/l	100
43) Isopropyl Acetate	8.46	43	353796	44.068	ug/l	98
44) Trichloroethene	9.11	130	389137	51.327	ug/l	99
45) 1,2-Dichloropropane	9.39	63	305481	49.685	ug/l	99
46) Dibromomethane	9.48	93	156660	47.595	ug/l	99
47) Bromodichloromethane	9.66	83	438955	49.509	ug/l	97
48) Methyl methacrylate	9.46	41	168264	42.862	ug/l	98
49) 1,4-Dioxane	9.47	88	35712	903.387	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	842891	218.936	ug/l	99
52) Toluene	10.40	92	838039	50.453	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	423144	47.638	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	507944	49.005	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	215474	48.256	ug/l	93
56) Ethyl methacrylate	10.66	69	281178	45.015	ug/l	96
57) 1,3-Dichloropropane	10.95	76	368198	47.282	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	562875	222.463	ug/l	100
59) 2-Hexanone	10.99	43	628788	229.567	ug/l	99
60) Dibromochloromethane	11.14	129	298876	47.969	ug/l	100
61) 1,2-Dibromoethane	11.25	107	210973	47.173	ug/l	100
64) Tetrachloroethene	10.88	164	332119	50.980	ug/l	97
65) Chlorobenzene	11.67	112	869283	50.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	324883	49.603	ug/l	99
67) Ethyl Benzene	11.75	91	1614171	51.808	ug/l	98
68) m/p-Xylenes	11.86	106	1221666	102.295	ug/l	100
69) o-Xylene	12.18	106	560251	50.583	ug/l	100
70) Styrene	12.20	104	953585	49.322	ug/l	98
71) Bromoform	12.36	173	176817	47.437	ug/l	98
73) Isopropylbenzene	12.48	105	1550711	51.662	ug/l	100
74) N-amyl acetate	12.29	43	322457	45.492	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	219741	48.584	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	132016m	40.079	ug/l	
77) Bromobenzene	12.77	156	356551	48.894	ug/l	100
78) n-propylbenzene	12.83	91	1775951	51.786	ug/l	99
79) 2-Chlorotoluene	12.91	91	972589	50.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1270415	51.508	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	76343	46.038	ug/l	98
82) 4-Chlorotoluene	13.01	91	1015606	50.291	ug/l	100
83) tert-Butylbenzene	13.23	119	1122921	51.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1244730	51.118	ug/l	99
85) sec-Butylbenzene	13.41	105	1513708	51.821	ug/l	100
86) p-Isopropyltoluene	13.52	119	1416360	51.003	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	683062	50.461	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	668951	50.634	ug/l	100
89) n-Butylbenzene	13.85	91	1293344	51.550	ug/l	99
90) Hexachloroethane	14.11	117	265979	51.825	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	572081	49.931	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34857	43.104	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
Data File : VD064208.D
Acq On : 14 Nov 2019 11:26
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
11/15/2019 3:06:02 PM

Quant Time: Nov 15 05:57:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	433997	49.103	ug/l	99
94) Hexachlorobutadiene	15.27	225	289593	50.728	ug/l	98
95) Naphthalene	15.41	128	677201	46.741	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	361866	48.166	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111419\
Data File : VD064208.D
Acq On : 14 Nov 2019 11:26
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
11/15/2019 3:06:02 PM

Quant Time: Nov 15 05:57:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

