

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063069.D
 Acq On : 12 Jul 2019 14:01
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:31:11 PM

Quant Time: Jul 13 01:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	940994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1284336	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1103155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	571366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	465778	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	6.94	113	521453	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.43	98	1043783	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
62) 4-Bromofluorobenzene	13.57	95	485701	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	455290	37.390	ug/l	100
3) Chloromethane	1.75	50	375976	41.056	ug/l	98
4) Vinyl Chloride	1.84	62	390431	43.000	ug/l	98
5) Bromomethane	2.15	94	160919	37.844	ug/l	94
6) Chloroethane	2.26	64	189384	46.070	ug/l	97
7) Trichlorofluoromethane	2.53	101	844446	45.954	ug/l	97
8) Diethyl Ether	2.87	74	129640	55.525	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.14	101	462796	46.488	ug/l	90
10) Methyl Iodide	3.30	142	648408	49.370	ug/l	95
11) Tert butyl alcohol	4.11	59	136681	293.400	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	340693	45.620	ug/l	90
13) Acrolein	3.04	56	109911	231.109	ug/l	94
14) Allyl chloride	3.62	41	613338	55.582	ug/l	94
15) Acrylonitrile	4.20	53	352160	321.717	ug/l #	90
16) Acetone	3.23	43	640727	310.592	ug/l	98
17) Carbon Disulfide	3.38	76	946357	39.650	ug/l	100
18) Methyl Acetate	3.65	43	176455	57.147	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	919908	56.901	ug/l	99
20) Methylene Chloride	3.82	84	413378	52.993	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	412875	51.922	ug/l	88
22) Diisopropyl ether	5.13	45	1321868	58.904	ug/l	94
23) Vinyl Acetate	5.07	43	3989775	284.125	ug/l	99
24) 1,1-Dichloroethane	4.99	63	777197	53.193	ug/l	98
25) 2-Butanone	6.09	43	586413	306.536	ug/l	94
26) 2,2-Dichloropropane	6.03	77	809803	52.290	ug/l	94
27) cis-1,2-Dichloroethene	6.04	96	448393	53.323	ug/l	94
28) Bromochloromethane	6.45	49	260624	50.646	ug/l	98
29) Tetrahydrofuran	6.48	42	263835	291.488	ug/l	97
30) Chloroform	6.67	83	968050	54.480	ug/l	92
31) Cyclohexane	6.96	56	465713	48.485	ug/l	89
32) 1,1,1-Trichloroethane	6.88	97	915076	49.443	ug/l	95
36) 1,1-Dichloropropene	7.16	75	613485	50.459	ug/l	95
37) Ethyl Acetate	6.20	43	292027	57.341	ug/l	96
38) Carbon Tetrachloride	7.12	117	933893m	51.074	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063069.D
 Acq On : 12 Jul 2019 14:01
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:31:11 PM

Quant Time: Jul 13 01:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	502246	46.930	ug/l	97
40) Benzene	7.46	78	1301406	53.326	ug/l	95
41) Methacrylonitrile	6.46	41	349659	54.535	ug/l #	98
42) 1,2-Dichloroethane	7.59	62	709249	53.273	ug/l	98
43) Isopropyl Acetate	9.25	43	397422	62.350	ug/l	92
44) Trichloroethene	8.55	130	495869	51.827	ug/l	95
45) 1,2-Dichloropropane	8.95	63	327672	53.996	ug/l	92
46) Dibromomethane	9.08	93	262627	50.380	ug/l	89
47) Bromodichloromethane	9.39	83	737642	54.485	ug/l	100
48) Methyl methacrylate	9.14	41	230295	50.842	ug/l	97
49) 1,4-Dioxane	9.09	88	46005	1220.787	ug/l	95
51) 4-Methyl-2-Pentanone	10.32	43	1262395	279.342	ug/l	98
52) Toluene	10.52	92	861813	52.533	ug/l	93
53) t-1,3-Dichloropropene	10.93	75	633931	57.209	ug/l	95
54) cis-1,3-Dichloropropene	10.05	75	667820	55.448	ug/l	91
55) 1,1,2-Trichloroethane	11.20	97	308158	54.675	ug/l	96
56) Ethyl methacrylate	11.06	69	357599	59.369	ug/l	96
57) 1,3-Dichloropropane	11.42	76	456533	52.902	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.87	63	606412	196.106	ug/l	100
59) 2-Hexanone	11.55	43	961606	298.774	ug/l	98
60) Dibromochloromethane	11.70	129	569853	54.281	ug/l	96
61) 1,2-Dibromoethane	11.81	107	377819	56.759	ug/l	95
64) Tetrachloroethene	11.27	164	435308	47.945	ug/l	93
65) Chlorobenzene	12.40	112	1098176	53.639	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	499461	52.166	ug/l	88
67) Ethyl Benzene	12.53	91	1771154	48.185	ug/l	99
68) m/p-Xylenes	12.68	106	1341928	104.819	ug/l	90
69) o-Xylene	13.05	106	624843	53.390	ug/l	100
70) Styrene	13.08	104	1036361	50.416	ug/l	93
71) Bromoform	13.24	173	370137	56.424	ug/l #	94
73) Isopropylbenzene	13.41	105	1845653	50.380	ug/l	99
74) N-amyl acetate	13.27	43	483595	54.357	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	338816	56.762	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	372634	56.494	ug/l	90
77) Bromobenzene	13.67	156	539030	54.703	ug/l	93
78) n-propylbenzene	13.78	91	2177850	51.076	ug/l	97
79) 2-Chlorotoluene	13.85	91	1268789	52.068	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	1536926	49.946	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	106891	61.833	ug/l	98
82) 4-Chlorotoluene	13.95	91	1358653	46.313	ug/l	93
83) tert-Butylbenzene	14.20	119	1747753	50.955	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	1585078	50.256	ug/l	100
85) sec-Butylbenzene	14.37	105	1746584	46.851	ug/l	96
86) p-Isopropyltoluene	14.50	119	1800807	52.802	ug/l	95
87) 1,3-Dichlorobenzene	14.46	146	935429	52.958	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	869022	48.983	ug/l	98
89) n-Butylbenzene	14.81	91	1593879	49.932	ug/l	97
90) Hexachloroethane	15.01	117	497059	54.206	ug/l	91
91) 1,2-Dichlorobenzene	14.82	146	786128	52.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	65079	55.860	ug/l	61

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063069.D
Acq On : 12 Jul 2019 14:01
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/22/2019 5:31:11 PM

Quant Time: Jul 13 01:11:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	633940	53.699	ug/l	97
94) Hexachlorobutadiene	16.05	225	473591	52.512	ug/l	98
95) Naphthalene	16.13	128	945902	57.167	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	513452	56.607	ug/l	99

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

