

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063393.D
 Acq On : 6 Aug 2019 12:18
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 06:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1125229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1446392	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1232151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	639440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	620333	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
35) Dibromofluoromethane	6.93	113	668875	54.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	10.41	98	1490461	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	13.55	95	666921	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	617470	44.892	ug/l	100
3) Chloromethane	1.75	50	500454	46.831	ug/l #	88
4) Vinyl Chloride	1.85	62	543618	49.139	ug/l	99
5) Bromomethane	2.15	94	248343	44.510	ug/l	95
6) Chloroethane	2.26	64	259221	50.752	ug/l	98
7) Trichlorofluoromethane	2.53	101	1177876	54.882	ug/l	99
8) Diethyl Ether	2.87	74	158869	52.892	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	639250	53.771	ug/l	98
10) Methyl Iodide	3.30	142	880516	51.269	ug/l	94
11) Tert butyl alcohol	4.08	59	118559	216.379	ug/l	99
12) 1,1-Dichloroethene	3.12	96	467569	53.573	ug/l	87
13) Acrolein	3.03	56	118600	224.909	ug/l	97
14) Allyl chloride	3.62	41	725239	52.162	ug/l	94
15) Acrylonitrile	4.20	53	378836	266.685	ug/l	94
16) Acetone	3.23	43	721910	296.757	ug/l	100
17) Carbon Disulfide	3.37	76	1442558	49.382	ug/l	98
18) Methyl Acetate	3.64	43	229245	49.060	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	1068012	54.173	ug/l	98
20) Methylene Chloride	3.81	84	513922	52.264	ug/l	92
21) trans-1,2-Dichloroethene	4.21	96	541317	55.277	ug/l	96
22) Diisopropyl ether	5.13	45	1417285	51.022	ug/l	98
23) Vinyl Acetate	5.06	43	4410431	258.297	ug/l	98
24) 1,1-Dichloroethane	4.98	63	926063	52.193	ug/l	99
25) 2-Butanone	6.08	43	663687	271.849	ug/l #	91
26) 2,2-Dichloropropane	6.02	77	1034665	56.585	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	573061	54.581	ug/l	93
28) Bromochloromethane	6.43	49	333126	47.122	ug/l	97
29) Tetrahydrofuran	6.46	42	293270	253.722	ug/l	99
30) Chloroform	6.66	83	1161804	52.763	ug/l	97
31) Cyclohexane	6.96	56	590096	53.059	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	1196096	56.158	ug/l	97
36) 1,1-Dichloropropene	7.14	75	781558	59.208	ug/l	97
37) Ethyl Acetate	6.18	43	302009	50.926	ug/l	97
38) Carbon Tetrachloride	7.11	117	1210421	60.910	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063393.D
 Acq On : 6 Aug 2019 12:18
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 06:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	647132	58.841	ug/l	91
40) Benzene	7.46	78	1672686	60.462	ug/l	97
41) Methacrylonitrile	6.45	41	387176	54.579	ug/l #	79
42) 1,2-Dichloroethane	7.58	62	821747	56.046	ug/l	98
43) Isopropyl Acetate	9.24	43	428894	56.617	ug/l	97
44) Trichloroethene	8.54	130	643941	57.442	ug/l	98
45) 1,2-Dichloropropane	8.93	63	400026	56.888	ug/l	97
46) Dibromomethane	9.06	93	317010	54.220	ug/l	89
47) Bromodichloromethane	9.38	83	831782	55.809	ug/l	94
48) Methyl methacrylate	9.12	41	281476	57.291	ug/l	94
49) 1,4-Dioxane	9.08	88	49048	1179.232	ug/l #	85
51) 4-Methyl-2-Pentanone	10.30	43	1510297	293.156	ug/l	97
52) Toluene	10.51	92	1080708	58.734	ug/l	94
53) t-1,3-Dichloropropene	10.91	75	706276	54.966	ug/l	92
54) cis-1,3-Dichloropropene	10.04	75	746859	55.305	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	338522	54.475	ug/l	94
56) Ethyl methacrylate	11.04	69	378023	55.552	ug/l	94
57) 1,3-Dichloropropane	11.41	76	557183	56.906	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	946123	267.203	ug/l	100
59) 2-Hexanone	11.53	43	1171093	315.434	ug/l	99
60) Dibromochloromethane	11.69	129	677100	57.716	ug/l	92
61) 1,2-Dibromoethane	11.81	107	431500	56.272	ug/l	99
64) Tetrachloroethene	11.26	164	571546	58.225	ug/l	95
65) Chlorobenzene	12.40	112	1316874	55.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	602848	57.747	ug/l	95
67) Ethyl Benzene	12.53	91	2185181	54.276	ug/l	98
68) m/p-Xylenes	12.68	106	1597237	108.179	ug/l	100
69) o-Xylene	13.05	106	785004	57.897	ug/l	97
70) Styrene	13.07	104	1358103	56.481	ug/l	96
71) Bromoform	13.24	173	408866	53.856	ug/l	99
73) Isopropylbenzene	13.40	105	2207366	55.001	ug/l	99
74) N-amyl acetate	13.27	43	604875	57.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	394281	57.836	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	432934	56.368	ug/l	98
77) Bromobenzene	13.67	156	619570	54.193	ug/l	90
78) n-propylbenzene	13.78	91	2651649	55.521	ug/l	100
79) 2-Chlorotoluene	13.85	91	1657415	59.892	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	2072490	59.873	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	120878	56.678	ug/l	95
82) 4-Chlorotoluene	13.95	91	1818685	55.843	ug/l	92
83) tert-Butylbenzene	14.19	119	2219499	56.156	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	1919009	53.598	ug/l	100
85) sec-Butylbenzene	14.37	105	2232881	53.622	ug/l	100
86) p-Isopropyltoluene	14.50	119	2308628	58.087	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	1060735	52.391	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	1062432	51.893	ug/l	94
89) n-Butylbenzene	14.80	91	1984733	57.819	ug/l	97
90) Hexachloroethane	15.01	117	592305	57.201	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	956927	54.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	74157	53.403	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
Data File : VD063393.D
Acq On : 6 Aug 2019 12:18
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Aug 07 06:40:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	758285	54.186	ug/l	96
94) Hexachlorobutadiene	16.04	225	589521	58.131	ug/l	99
95) Naphthalene	16.12	128	1111914	56.216	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	635217	57.458	ug/l	97

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

