

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063648.D
 Acq On : 16 Aug 2019 19:52
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 06:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	868255	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1207182	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1047407	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	546960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	494846	53.32	ug/l	-0.02
Spiked Amount						
			Recovery	=		106.64%
35) Dibromofluoromethane	6.92	113	533379	52.46	ug/l	-0.02
Spiked Amount						
			Recovery	=		104.92%
50) Toluene-d8	10.40	98	1182958	52.92	ug/l	-0.02
Spiked Amount						
			Recovery	=		105.84%
62) 4-Bromofluorobenzene	13.55	95	555521	54.83	ug/l	0.00
Spiked Amount						
			Recovery	=		109.66%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	557320	53.056	ug/l	93
3) Chloromethane	1.74	50	405263	49.379	ug/l	96
4) Vinyl Chloride	1.85	62	444429	54.549	ug/l	99
5) Bromomethane	2.14	94	235658	61.300	ug/l	97
6) Chloroethane	2.26	64	203526	54.627	ug/l	96
7) Trichlorofluoromethane	2.53	101	956135	59.829	ug/l	97
8) Diethyl Ether	2.87	74	128279	56.852	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.15	101	505705	53.591	ug/l	98
10) Methyl Iodide	3.29	142	693138	51.914	ug/l	95
11) Tert butyl alcohol	4.06	59	109966	272.180	ug/l #	90
12) 1,1-Dichloroethene	3.12	96	364021	51.886	ug/l	87
13) Acrolein	3.03	56	91059	228.974	ug/l	97
14) Allyl chloride	3.61	41	579109	54.908	ug/l	92
15) Acrylonitrile	4.19	53	269344	251.688	ug/l #	88
16) Acetone	3.22	43	408450	216.496	ug/l	94
17) Carbon Disulfide	3.36	76	1128863	50.982	ug/l	98
18) Methyl Acetate	3.64	43	192062	53.745	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	796490	56.767	ug/l	100
20) Methylene Chloride	3.81	84	370619	45.430	ug/l	98
21) trans-1,2-Dichloroethene	4.21	96	406320	55.035	ug/l	98
22) Diisopropyl ether	5.11	45	1144161	52.572	ug/l	93
23) Vinyl Acetate	5.05	43	3447070	272.443	ug/l	99
24) 1,1-Dichloroethane	4.97	63	732316	54.252	ug/l	98
25) 2-Butanone	6.06	43	460821	247.313	ug/l	93
26) 2,2-Dichloropropane	6.02	77	717344	53.354	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	431113	53.372	ug/l	87
28) Bromochloromethane	6.42	49	292409	53.449	ug/l	95
29) Tetrahydrofuran	6.45	42	239640	276.001	ug/l	96
30) Chloroform	6.66	83	959863	57.208	ug/l	92
31) Cyclohexane	6.95	56	442727	52.831	ug/l	89
32) 1,1,1-Trichloroethane	6.86	97	911216	56.774	ug/l	99
36) 1,1-Dichloropropene	7.14	75	597609	55.999	ug/l	99
37) Ethyl Acetate	6.18	43	230633	51.575	ug/l	99
38) Carbon Tetrachloride	7.10	117	994207	61.815	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063648.D
 Acq On : 16 Aug 2019 19:52
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 17 06:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	498976	54.986	ug/l	96
40) Benzene	7.45	78	1251829	53.304	ug/l	96
41) Methacrylonitrile	6.44	41	322081	57.203	ug/l #	96
42) 1,2-Dichloroethane	7.58	62	666829	56.469	ug/l	98
43) Isopropyl Acetate	9.24	43	319026	53.267	ug/l #	97
44) Trichloroethene	8.53	130	491340	54.737	ug/l	88
45) 1,2-Dichloropropane	8.94	63	307761	56.273	ug/l	97
46) Dibromomethane	9.05	93	264642	56.663	ug/l	96
47) Bromodichloromethane	9.37	83	716409	59.800	ug/l	97
48) Methyl methacrylate	9.11	41	226030	55.649	ug/l	93
49) 1,4-Dioxane	9.08	88	38988	1073.068	ug/l #	82
51) 4-Methyl-2-Pentanone	10.29	43	1123819	274.221	ug/l	95
52) Toluene	10.50	92	843407	55.757	ug/l	94
53) t-1,3-Dichloropropene	10.90	75	565298	57.819	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	579425	52.559	ug/l	94
55) 1,1,2-Trichloroethane	11.18	97	284916	55.761	ug/l	98
56) Ethyl methacrylate	11.04	69	314506	56.709	ug/l	96
57) 1,3-Dichloropropane	11.41	76	452918	58.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	862387	294.540	ug/l	98
59) 2-Hexanone	11.53	43	793249	266.015	ug/l	95
60) Dibromochloromethane	11.68	129	559458	60.171	ug/l	97
61) 1,2-Dibromoethane	11.80	107	350908	56.729	ug/l	100
64) Tetrachloroethene	11.25	164	450160	55.674	ug/l	92
65) Chlorobenzene	12.39	112	1081668	55.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	481294	55.709	ug/l	97
67) Ethyl Benzene	12.52	91	1921133	56.283	ug/l	97
68) m/p-Xylenes	12.67	106	1392948	116.155	ug/l	93
69) o-Xylene	13.05	106	640825	55.521	ug/l	93
70) Styrene	13.07	104	1081624	52.683	ug/l	99
71) Bromoform	13.23	173	339976	57.389	ug/l #	98
73) Isopropylbenzene	13.40	105	1903260	54.708	ug/l	97
74) N-amyl acetate	13.27	43	485686	55.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	315569	54.649	ug/l	94
76) 1,2,3-Trichloropropane	13.73	75	357163	56.898	ug/l	94
77) Bromobenzene	13.67	156	545010	57.320	ug/l	89
78) n-propylbenzene	13.77	91	2225952	54.685	ug/l	94
79) 2-Chlorotoluene	13.84	91	1345258	57.319	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	1667425	54.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	91533	54.252	ug/l	93
82) 4-Chlorotoluene	13.95	91	1610782	57.075	ug/l	99
83) tert-Butylbenzene	14.19	119	1911274	59.710	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	1572850	55.923	ug/l	95
85) sec-Butylbenzene	14.37	105	1963393	57.759	ug/l	97
86) p-Isopropyltoluene	14.49	119	1780930	54.794	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	945333	54.966	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	928619	56.278	ug/l	98
89) n-Butylbenzene	14.79	91	1614496	54.426	ug/l	93
90) Hexachloroethane	15.01	117	485882	59.476	ug/l	81
91) 1,2-Dichlorobenzene	14.80	146	759114	52.024	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	58810	54.089	ug/l	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
Data File : VD063648.D
Acq On : 16 Aug 2019 19:52
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 17 06:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	642864	59.874	ug/l	96
94) Hexachlorobutadiene	16.03	225	472840	57.783	ug/l	98
95) Naphthalene	16.12	128	883039	54.268	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	518822	59.827	ug/l	97

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

