

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062829.D
 Acq On : 21 Jun 2019 21:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 05:16:40 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	735268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1042015	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	852414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	480312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	512137	64.08	ug/l	0.00
Spiked Amount			Recovery	=	128.16%	
35) Dibromofluoromethane	6.93	113	527132	60.00	ug/l	0.00
Spiked Amount			Recovery	=	120.00%	
50) Toluene-d8	10.42	98	1202257	62.87	ug/l	0.00
Spiked Amount			Recovery	=	125.74%	
62) 4-Bromofluorobenzene	13.56	95	541555	62.28	ug/l	0.00
Spiked Amount			Recovery	=	124.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	522967	54.964	ug/l	99
3) Chloromethane	1.74	50	401324	56.085	ug/l	99
4) Vinyl Chloride	1.84	62	392211	55.282	ug/l	98
5) Bromomethane	2.14	94	192702	57.998	ug/l	97
6) Chloroethane	2.26	64	183438	57.109	ug/l	96
7) Trichlorofluoromethane	2.53	101	837809	58.350	ug/l	93
8) Diethyl Ether	2.87	74	113254	62.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.15	101	465274	59.814	ug/l	91
10) Methyl Iodide	3.29	142	602029	58.664	ug/l	98
11) Tert butyl alcohol	4.08	59	123706	339.848	ug/l	96
12) 1,1-Dichloroethene	3.12	96	344660	59.064	ug/l	89
13) Acrolein	3.03	56	123598	332.605	ug/l	92
14) Allyl chloride	3.62	41	556197	64.507	ug/l	93
15) Acrylonitrile	4.20	53	295179	345.113	ug/l	92
16) Acetone	3.22	43	538352	334.526	ug/l	99
17) Carbon Disulfide	3.37	76	1053241	56.475	ug/l	99
18) Methyl Acetate	3.64	43	177765	73.680	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	892798	70.675	ug/l	97
20) Methylene Chloride	3.81	84	378643	62.121	ug/l	91
21) trans-1,2-Dichloroethene	4.21	96	403031	64.866	ug/l	91
22) Diisopropyl ether	5.13	45	1165975	66.495	ug/l	98
23) Vinyl Acetate	5.07	43	3627035	330.563	ug/l	98
24) 1,1-Dichloroethane	4.99	63	705685	61.812	ug/l	100
25) 2-Butanone	6.08	43	551466	368.924	ug/l #	92
26) 2,2-Dichloropropane	6.03	77	696619	57.567	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	434525	66.132	ug/l	97
28) Bromochloromethane	6.45	49	251236	62.482	ug/l	95
29) Tetrahydrofuran	6.46	42	243032	343.632	ug/l	94
30) Chloroform	6.67	83	875833	63.081	ug/l	97
31) Cyclohexane	6.96	56	432896	57.679	ug/l	93
32) 1,1,1-Trichloroethane	6.88	97	848430	58.668	ug/l	94
36) 1,1-Dichloropropene	7.15	75	595621	60.382	ug/l	98
37) Ethyl Acetate	6.19	43	268330	65.089	ug/l	97
38) Carbon Tetrachloride	7.11	117	853673m	57.543	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062829.D
 Acq On : 21 Jun 2019 21:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 22 05:16:40 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	466836	53.766	ug/l	94
40) Benzene	7.46	78	1212431	61.233	ug/l	97
41) Methacrylonitrile	6.45	41	329952	63.428	ug/l	91
42) 1,2-Dichloroethane	7.59	62	665804	61.640	ug/l	99
43) Isopropyl Acetate	9.25	43	355391	68.722	ug/l #	98
44) Trichloroethene	8.55	130	477592	61.525	ug/l	88
45) 1,2-Dichloropropane	8.95	63	310983	63.163	ug/l	98
46) Dibromomethane	9.07	93	266234	62.949	ug/l	94
47) Bromodichloromethane	9.38	83	686946	62.541	ug/l	98
48) Methyl methacrylate	9.13	41	228836	62.269	ug/l	96
49) 1,4-Dioxane	9.09	88	42312	1383.895	ug/l	96
51) 4-Methyl-2-Pentanone	10.31	43	1242949	339.000	ug/l	98
52) Toluene	10.52	92	810084	60.863	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	593176	65.980	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	607728	62.193	ug/l	94
55) 1,1,2-Trichloroethane	11.20	97	295596	64.643	ug/l	95
56) Ethyl methacrylate	11.05	69	295375	60.443	ug/l	97
57) 1,3-Dichloropropane	11.42	76	471532	67.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	834129	332.477	ug/l	99
59) 2-Hexanone	11.54	43	882269	337.872	ug/l	99
60) Dibromochloromethane	11.69	129	551004	64.692	ug/l	95
61) 1,2-Dibromoethane	11.81	107	368989	68.323	ug/l	90
64) Tetrachloroethene	11.27	164	475048	67.713	ug/l	98
65) Chlorobenzene	12.41	112	979132	61.892	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	473627	64.018	ug/l	93
67) Ethyl Benzene	12.53	91	1807276	63.630	ug/l	100
68) m/p-Xylenes	12.68	106	1309192	132.343	ug/l	94
69) o-Xylene	13.05	106	618171	68.358	ug/l	97
70) Styrene	13.08	104	1015457	63.929	ug/l	93
71) Bromoform	13.24	173	360038	71.029	ug/l	98
73) Isopropylbenzene	13.40	105	1676209	54.428	ug/l	100
74) N-amyl acetate	13.27	43	528882	70.716	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	336697	67.100	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	364316	65.703	ug/l	94
77) Bromobenzene	13.67	156	490841	59.256	ug/l	83
78) n-propylbenzene	13.78	91	2085222	58.174	ug/l	96
79) 2-Chlorotoluene	13.85	91	1255225	61.277	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	1547256	59.813	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	91704	63.104	ug/l	95
82) 4-Chlorotoluene	13.95	91	1431419	58.043	ug/l	91
83) tert-Butylbenzene	14.19	119	1678648	58.218	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	1561795	58.905	ug/l	99
85) sec-Butylbenzene	14.37	105	1761674	56.214	ug/l	95
86) p-Isopropyltoluene	14.50	119	1706408	59.519	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	893948	60.204	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	839736	56.305	ug/l	99
89) n-Butylbenzene	14.80	91	1396259	52.034	ug/l	96
90) Hexachloroethane	15.01	117	460842	59.784	ug/l	82
91) 1,2-Dichlorobenzene	14.81	146	714916	56.274	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	64647	66.008	ug/l #	53

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
Data File : VD062829.D
Acq On : 21 Jun 2019 21:05
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 22 05:16:40 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	15.94	180	610424	61.510	ug/l	95
94) Hexachlorobutadiene	16.04	225	438053	57.779	ug/l	97
95) Naphthalene	16.13	128	867592	62.374	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	466638	61.198	ug/l	93

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

