

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063834.D
 Acq On : 26 Sep 2019 11:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 18:16:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	275760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	420620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	400160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	211389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.36	65	120191	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	7.94	113	126032	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	10.36	98	504712	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.64	95	171743	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	102790	54.351	ug/l	95
3) Chloromethane	2.22	50	231427	48.789	ug/l	96
4) Vinyl Chloride	2.36	62	266847	45.623	ug/l	96
5) Bromomethane	2.78	94	153524	44.862	ug/l	97
6) Chloroethane	2.94	64	167375	49.571	ug/l	100
7) Trichlorofluoromethane	3.29	101	361032	45.911	ug/l	90
8) Diethyl Ether	3.73	74	54959	47.898	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.11	101	113487	48.649	ug/l	98
10) Methyl Iodide	4.32	142	149044	53.515	ug/l	99
11) Tert butyl alcohol	5.27	59	43864	245.135	ug/l #	85
12) 1,1-Dichloroethene	4.08	96	108568	46.106	ug/l	91
13) Acrolein	3.94	56	56804	230.602	ug/l	96
14) Allyl chloride	4.73	41	169849	45.632	ug/l	97
15) Acrylonitrile	5.46	53	126925	224.068	ug/l	98
16) Acetone	4.19	43	154149	297.429	ug/l	100
17) Carbon Disulfide	4.42	76	373785	46.957	ug/l	98
18) Methyl Acetate	4.74	43	57305	45.138	ug/l	97
19) Methyl tert-butyl Ether	5.50	73	267878	45.438	ug/l	93
20) Methylene Chloride	4.98	84	136440	47.557	ug/l	94
21) trans-1,2-Dichloroethene	5.49	96	127623	46.562	ug/l	96
22) Diisopropyl ether	6.39	45	340499	44.293	ug/l	96
23) Vinyl Acetate	6.33	43	1045675	229.973	ug/l	98
24) 1,1-Dichloroethane	6.28	63	217252	46.517	ug/l	99
25) 2-Butanone	7.24	43	174613	229.157	ug/l	97
26) 2,2-Dichloropropane	7.23	77	206593	47.299	ug/l	97
27) cis-1,2-Dichloroethene	7.23	96	147719	48.030	ug/l	99
28) Bromochloromethane	7.57	49	88043	48.041	ug/l	98
29) Tetrahydrofuran	7.59	42	98964	216.755	ug/l	100
30) Chloroform	7.73	83	236313	46.584	ug/l	96
31) Cyclohexane	8.00	56	208450	51.935	ug/l	97
32) 1,1,1-Trichloroethane	7.93	97	219354	47.821	ug/l	97
36) 1,1-Dichloropropene	8.13	75	188404	49.106	ug/l	99
37) Ethyl Acetate	7.32	43	74061	51.871	ug/l	98
38) Carbon Tetrachloride	8.11	117	203375	50.929	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063834.D
 Acq On : 26 Sep 2019 11:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5.00mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 18:16:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.37	83	241841	50.623	ug/l	99
40) Benzene	8.37	78	513601	48.608	ug/l	97
41) Methacrylonitrile	7.55	41	36984	43.695	ug/l #	88
42) 1,2-Dichloroethane	8.45	62	145693	47.153	ug/l	97
43) Isopropyl Acetate	8.47	43	144208	44.892	ug/l	98
44) Trichloroethene	9.13	130	151205	49.414	ug/l	98
45) 1,2-Dichloropropane	9.41	63	123724	47.402	ug/l	91
46) Dibromomethane	9.50	93	70306	47.724	ug/l	94
47) Bromodichloromethane	9.68	83	186864	49.205	ug/l	99
48) Methyl methacrylate	9.48	41	67495	46.197	ug/l	98
49) 1,4-Dioxane	9.48	88	18190	885.089	ug/l	95
51) 4-Methyl-2-Pentanone	10.24	43	373843	231.012	ug/l	99
52) Toluene	10.42	92	353692	49.368	ug/l	98
53) t-1,3-Dichloropropene	10.64	75	184152	48.920	ug/l	98
54) cis-1,3-Dichloropropene	10.11	75	215880	50.522	ug/l	96
55) 1,1,2-Trichloroethane	10.81	97	100672	48.362	ug/l	92
56) Ethyl methacrylate	10.68	69	127267	48.102	ug/l	98
57) 1,3-Dichloropropane	10.96	76	167854	47.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.96	63	257821	218.025	ug/l	98
59) 2-Hexanone	11.00	43	281622	243.902	ug/l	100
60) Dibromochloromethane	11.16	129	135478	49.317	ug/l	99
61) 1,2-Dibromoethane	11.26	107	99076	47.610	ug/l	98
64) Tetrachloroethene	10.89	164	134897	50.045	ug/l	93
65) Chlorobenzene	11.68	112	398362	49.489	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.76	131	147044	49.706	ug/l	97
67) Ethyl Benzene	11.76	91	738216	50.772	ug/l	97
68) m/p-Xylenes	11.87	106	559421	100.191	ug/l	99
69) o-Xylene	12.20	106	265994	50.473	ug/l	98
70) Styrene	12.21	104	449806	50.431	ug/l	98
71) Bromoform	12.37	173	81622	49.668	ug/l #	94
73) Isopropylbenzene	12.50	105	729934	50.554	ug/l	99
74) N-amyl acetate	12.30	43	143598	45.432	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	111448	46.308	ug/l	100
76) 1,2,3-Trichloropropane	12.80	75	76709m	47.857	ug/l	
77) Bromobenzene	12.77	156	174971	50.424	ug/l	100
78) n-propylbenzene	12.83	91	854705	50.316	ug/l	99
79) 2-Chlorotoluene	12.92	91	457462	49.929	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	616716	51.237	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	37726	47.006	ug/l	97
82) 4-Chlorotoluene	13.02	91	473482	48.443	ug/l	100
83) tert-Butylbenzene	13.24	119	538749	51.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	607203	49.691	ug/l	98
85) sec-Butylbenzene	13.41	105	759911	51.927	ug/l	99
86) p-Isopropyltoluene	13.53	119	706348	51.393	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	349103	51.241	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	338384	49.940	ug/l	97
89) n-Butylbenzene	13.85	91	664672	50.813	ug/l	99
90) Hexachloroethane	14.13	117	128915	50.640	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	298751	51.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	19863	48.915	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092619\
Data File : VD063834.D
Acq On : 26 Sep 2019 11:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Sep 26 18:16:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 12:03:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	230903	52.029	ug/l	98
94) Hexachlorobutadiene	15.28	225	138751	55.179	ug/l	96
95) Naphthalene	15.41	128	398205	49.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	200190	50.879	ug/l	98

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

