

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058363.D
 Acq On : 24 Jun 2018 10:54
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 03:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	1029261	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	1317902	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	1038141	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	511290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	513003	49.35	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.57	113	552156	51.48	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	1333990	51.40	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.94	95	533357	50.31	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.36	85	502386	52.41	ug/l	98
3) Chloromethane	1.49	50	253210	56.98	ug/l	98
4) Vinyl Chloride	1.57	62	283666	52.61	ug/l	99
5) Bromomethane	1.81	94	110217	64.25	ug/l	93
6) Chloroethane	1.90	64	129567	69.73	ug/l	99
7) Trichlorofluoromethane	2.10	101	417038	56.41	ug/l	96
8) Diethyl Ether	2.36	74	81054	51.83	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.58	101	248680	52.91	ug/l	99
10) Methyl Iodide	2.71	142	302102	56.51	ug/l	95
11) Tert butyl alcohol	3.27	59	89384	260.68	ug/l #	87
12) 1,1-Dichloroethene	2.56	96	187793	53.11	ug/l	97
13) Acrolein	2.49	56	22312	113.99	ug/l	84
14) Allyl chloride	2.94	41	435369	52.90	ug/l	97
15) Acrylonitrile	3.37	53	367718	404.45	ug/l	97
16) Acetone	2.63	43	412407	290.06	ug/l	93
17) Carbon Disulfide	2.77	76	587857	48.86	ug/l	99
18) Methyl Acetate	2.95	43	130002	42.87	ug/l	98
19) Methyl tert-butyl Ether	3.42	73	874774	93.27	ug/l	98
20) Methylene Chloride	3.09	84	199409	54.12	ug/l	99
21) trans-1,2-Dichloroethene	3.40	96	423562	109.60	ug/l	89
22) Diisopropyl ether	4.09	45	1548275	47.37	ug/l	95
23) Vinyl Acetate	4.04	43	4058073	231.59	ug/l	99
24) 1,1-Dichloroethane	3.99	63	884972	50.25	ug/l	98
25) 2-Butanone	4.85	43	688960	222.33	ug/l	99
26) 2,2-Dichloropropane	4.82	77	777601	52.73	ug/l	96
27) cis-1,2-Dichloroethene	4.82	96	488292	50.56	ug/l	97
28) Bromochloromethane	5.17	49	388960	49.27	ug/l #	93
29) Tetrahydrofuran	5.20	42	328987	199.46	ug/l	98
30) Chloroform	5.34	83	950630	51.13	ug/l	94
31) Cyclohexane	5.61	56	667273	52.44	ug/l	97
32) 1,1,1-Trichloroethane	5.53	97	828218	53.92	ug/l	98
36) 1,1-Dichloropropene	5.77	75	653070	50.09	ug/l	96
37) Ethyl Acetate	4.94	43	327151	44.04	ug/l	96
38) Carbon Tetrachloride	5.75	117	701682	54.17	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058363.D
 Acq On : 24 Jun 2018 10:54
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 03:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	638601	50.29	ug/l	98
40) Benzene	6.03	78	1472645	47.42	ug/l	99
41) Methacrylonitrile	5.15	41	155304	43.30	ug/l	98
42) 1,2-Dichloroethane	6.14	62	612543	48.91	ug/l	100
43) Isopropyl Acetate	7.63	43	434110	43.83	ug/l	99
44) Trichloroethene	7.00	130	509049	54.59	ug/l	95
45) 1,2-Dichloropropane	7.36	63	424304	50.73	ug/l	97
46) Dibromomethane	7.48	93	285631	50.03	ug/l	96
47) Bromodichloromethane	7.75	83	674947	51.84	ug/l	96
48) Methyl methacrylate	7.52	41	264691	43.98	ug/l	94
49) 1,4-Dioxane	7.50	88	49945	919.25	ug/l	96
51) 4-Methyl-2-Pentanone	8.61	43	1449396	224.37	ug/l	99
52) Toluene	8.82	92	894419	50.58	ug/l	99
53) t-1,3-Dichloropropene	9.20	75	570532	50.40	ug/l	99
54) cis-1,3-Dichloropropene	8.37	75	676256	50.96	ug/l	98
55) 1,1,2-Trichloroethane	9.47	97	294255	47.03	ug/l	97
56) Ethyl methacrylate	9.32	69	350734	46.87	ug/l	98
57) 1,3-Dichloropropane	9.67	76	495197	46.99	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.20	63	855458	230.94	ug/l	97
59) 2-Hexanone	9.80	43	1116070	239.11	ug/l	96
60) Dibromochloromethane	9.97	129	447083	52.65	ug/l	98
61) 1,2-Dibromoethane	10.11	107	327685	47.85	ug/l	98
64) Tetrachloroethene	9.53	164	450087	51.53	ug/l	97
65) Chlorobenzene	10.74	112	996454	51.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.86	131	384770	51.34	ug/l	99
67) Ethyl Benzene	10.87	91	1727627	50.39	ug/l	99
68) m/p-Xylenes	11.02	106	1178521	103.08	ug/l	97
69) o-Xylene	11.42	106	585614	53.63	ug/l	98
70) Styrene	11.44	104	983920	52.81	ug/l	98
71) Bromoform	11.60	173	311538	52.11	ug/l	98
73) Isopropylbenzene	11.78	105	1592172	52.06	ug/l	99
74) N-amyl acetate	11.65	43	539446	45.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.09	83	344776	48.44	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	359832	48.20	ug/l	99
77) Bromobenzene	12.05	156	483323	52.78	ug/l	88
78) n-propylbenzene	12.16	91	2115175	53.56	ug/l	98
79) 2-Chlorotoluene	12.22	91	1246123	55.14	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	1290364	54.10	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	91482	50.25	ug/l	91
82) 4-Chlorotoluene	12.33	91	1322721	61.28	ug/l	95
83) tert-Butylbenzene	12.58	119	1520643	55.45	ug/l	97
84) 1,2,4-Trimethylbenzene	12.63	105	1393958	53.76	ug/l	99
85) sec-Butylbenzene	12.77	105	1709129	53.17	ug/l	97
86) p-Isopropyltoluene	12.89	119	1455183	55.86	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	823454	51.73	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	797051	51.28	ug/l	97
89) n-Butylbenzene	13.20	91	1334708	48.75	ug/l	99
90) Hexachloroethane	13.41	117	378307	55.95	ug/l	80
91) 1,2-Dichlorobenzene	13.20	146	636779	47.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	58434	51.59	ug/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058363.D
Acq On : 24 Jun 2018 10:54
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jun 25 03:59:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	669792	51.70	ug/l	98
94) Hexachlorobutadiene	14.44	225	536420	52.94	ug/l	97
95) Naphthalene	14.52	128	850582	49.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	564336	49.76	ug/l	98

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

