

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064770.D
 Acq On : 06 Jan 2020 13:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:23:59 AM

Quant Time: Jan 07 00:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	443790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	619129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	533136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	185456	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.91	113	189114	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.34	98	743886	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.64	95	233618	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	168118	48.745	ug/l	98
3) Chloromethane	2.21	50	227452	47.155	ug/l	99
4) Vinyl Chloride	2.35	62	285772	48.591	ug/l	97
5) Bromomethane	2.77	94	200003	46.771	ug/l	99
6) Chloroethane	2.92	64	189351	48.050	ug/l	100
7) Trichlorofluoromethane	3.27	101	487728	49.253	ug/l	99
8) Diethyl Ether	3.70	74	90770	46.160	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.08	101	210958	51.440	ug/l	99
10) Methyl Iodide	4.29	142	237465	53.906	ug/l	100
11) Tert butyl alcohol	5.24	59	61953	276.240	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	195364	50.037	ug/l	96
13) Acrolein	3.92	56	76913	246.077	ug/l	99
14) Allyl chloride	4.71	41	306026	50.271	ug/l	99
15) Acrylonitrile	5.42	53	196152	239.478	ug/l	98
16) Acetone	4.16	43	236561	292.516	ug/l	97
17) Carbon Disulfide	4.40	76	592993	46.971	ug/l	100
18) Methyl Acetate	4.72	43	97228	44.132	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	413676	47.701	ug/l	96
20) Methylene Chloride	4.96	84	207044	51.920	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	221411	49.794	ug/l	96
22) Diisopropyl ether	6.36	45	602972	49.660	ug/l	96
23) Vinyl Acetate	6.31	43	1715903	249.127	ug/l	98
24) 1,1-Dichloroethane	6.26	63	370408	50.816	ug/l	98
25) 2-Butanone	7.22	43	269981	250.989	ug/l	99
26) 2,2-Dichloropropane	7.21	77	351016	51.794	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	237661	49.525	ug/l	97
28) Bromochloromethane	7.55	49	134226	47.371	ug/l	99
29) Tetrahydrofuran	7.57	42	151637	226.685	ug/l	98
30) Chloroform	7.71	83	389819	50.973	ug/l	98
31) Cyclohexane	7.98	56	352558	48.319	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	373883	52.050	ug/l	99
36) 1,1-Dichloropropene	8.11	75	315926	53.016	ug/l	99
37) Ethyl Acetate	7.30	43	109229	46.658	ug/l	99
38) Carbon Tetrachloride	8.10	117	349211	54.958	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064770.D
 Acq On : 06 Jan 2020 13:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:23:59 AM

Quant Time: Jan 07 00:42:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	383387	53.119	ug/l	95
40) Benzene	8.35	78	845902	51.999	ug/l	100
41) Methacrylonitrile	7.53	41	71787	52.852	ug/l	97
42) 1,2-Dichloroethane	8.43	62	237966	50.621	ug/l	99
43) Isopropyl Acetate	8.46	43	223978	48.068	ug/l	98
44) Trichloroethene	9.11	130	249107	52.126	ug/l	96
45) 1,2-Dichloropropane	9.39	63	202722	52.193	ug/l	100
46) Dibromomethane	9.48	93	105357	48.652	ug/l	97
47) Bromodichloromethane	9.66	83	295439	51.270	ug/l	99
48) Methyl methacrylate	9.46	41	112543	51.295	ug/l	99
49) 1,4-Dioxane	9.47	88	24272	972.044	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	560348	243.295	ug/l	100
52) Toluene	10.40	92	554299	51.935	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	276121	51.396	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	329170	51.962	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	142594	48.860	ug/l	96
56) Ethyl methacrylate	10.66	69	181785	49.876	ug/l	100
57) 1,3-Dichloropropane	10.95	76	249404	49.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	307871	221.711	ug/l	100
59) 2-Hexanone	10.99	43	417526	267.096	ug/l	100
60) Dibromochloromethane	11.14	129	200329	49.638	ug/l	99
61) 1,2-Dibromoethane	11.25	107	139745	48.548	ug/l	99
64) Tetrachloroethene	10.88	164	217131	53.087	ug/l	98
65) Chlorobenzene	11.67	112	576367	52.088	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	218082	52.280	ug/l	100
67) Ethyl Benzene	11.75	91	1088826	54.214	ug/l	98
68) m/p-Xylenes	11.86	106	840599	108.437	ug/l	99
69) o-Xylene	12.18	106	375623	53.645	ug/l	99
70) Styrene	12.20	104	655367	53.323	ug/l	99
71) Bromoform	12.37	173	117244	49.286	ug/l #	99
73) Isopropylbenzene	12.48	105	1051532	55.445	ug/l	100
74) N-amyl acetate	12.30	43	206391	50.909	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	148398	49.810	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	98220m	46.868	ug/l	
77) Bromobenzene	12.77	156	243243	52.198	ug/l	99
78) n-propylbenzene	12.83	91	1238109	55.959	ug/l	99
79) 2-Chlorotoluene	12.91	91	653567	53.772	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	855301	54.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	53494	53.387	ug/l	99
82) 4-Chlorotoluene	13.01	91	696537	53.851	ug/l	99
83) tert-Butylbenzene	13.23	119	747193	55.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	839076	54.079	ug/l	99
85) sec-Butylbenzene	13.41	105	1051573	56.707	ug/l	99
86) p-Isopropyltoluene	13.53	119	986810	55.652	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	466160	52.474	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	453792	51.999	ug/l	99
89) n-Butylbenzene	13.85	91	905134	56.684	ug/l	99
90) Hexachloroethane	14.12	117	184759	54.548	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	388920	51.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	23089	47.806	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
Data File : VD064770.D
Acq On : 06 Jan 2020 13:37
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
1/7/2020 10:23:59 AM

Quant Time: Jan 07 00:42:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	283788	50.879	ug/l	99
94) Hexachlorobutadiene	15.28	225	187182	53.331	ug/l	99
95) Naphthalene	15.41	128	439286	49.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	234982	49.349	ug/l	99

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

