

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066250.D
 Acq On : 17 Aug 2020 11:42
 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

MMDadoda
 8/18/2020 11:08:46 AM

Quant Time: Aug 17 14:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	294455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	420935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	378290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	125546	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.91	113	127292	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.33	98	485482	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.63	95	164777	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	107796	41.552	ug/l	96
3) Chloromethane	2.21	50	87035	43.128	ug/l	97
4) Vinyl Chloride	2.35	62	91492	51.209	ug/l	97
5) Bromomethane	2.77	94	60961	51.429	ug/l	98
6) Chloroethane	2.92	64	54631	49.814	ug/l	91
7) Trichlorofluoromethane	3.27	101	231349	49.668	ug/l	95
8) Diethyl Ether	3.71	74	59839	45.530	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	136493	49.377	ug/l	99
10) Methyl Iodide	4.30	142	141211	55.290	ug/l	99
11) Tert butyl alcohol	5.22	59	41588	205.203	ug/l #	93
12) 1,1-Dichloroethene	4.06	96	124237	47.642	ug/l	98
13) Acrolein	3.91	56	46074	220.342	ug/l	96
14) Allyl chloride	4.71	41	184015	46.579	ug/l	96
15) Acrylonitrile	5.42	53	129239	233.355	ug/l	100
16) Acetone	4.16	43	151217	303.374	ug/l	99
17) Carbon Disulfide	4.40	76	346219	41.756	ug/l	99
18) Methyl Acetate	4.71	43	55964	44.202	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	290989	48.684	ug/l	100
20) Methylene Chloride	4.96	84	139157	48.470	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	142152	47.452	ug/l	95
22) Diisopropyl ether	6.36	45	359293	45.990	ug/l	97
23) Vinyl Acetate	6.30	43	1067920	233.331	ug/l	98
24) 1,1-Dichloroethane	6.26	63	224356	46.404	ug/l	97
25) 2-Butanone	7.21	43	173003	235.979	ug/l	98
26) 2,2-Dichloropropane	7.20	77	227350	52.465	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	153888	48.976	ug/l	99
28) Bromochloromethane	7.54	49	79379	46.745	ug/l	94
29) Tetrahydrofuran	7.56	42	100334	220.893	ug/l	98
30) Chloroform	7.71	83	248751	48.998	ug/l	94
31) Cyclohexane	7.98	56	201222	43.722	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	245008	51.472	ug/l	99
36) 1,1-Dichloropropene	8.10	75	195003	49.299	ug/l	99
37) Ethyl Acetate	7.29	43	74561	47.575	ug/l	96
38) Carbon Tetrachloride	8.09	117	231228	52.421	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066250.D
 Acq On : 17 Aug 2020 11:42
 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

MMDadoda
 8/18/2020 11:08:46 AM

Quant Time: Aug 17 14:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	236481	49.457	ug/l	98
40) Benzene	8.34	78	534288	48.692	ug/l	96
41) Methacrylonitrile	7.52	41	43521	47.229	ug/l	93
42) 1,2-Dichloroethane	8.42	62	159700	49.542	ug/l	99
43) Isopropyl Acetate	8.44	43	148935	48.232	ug/l	98
44) Trichloroethene	9.11	130	164881	49.865	ug/l	96
45) 1,2-Dichloropropane	9.38	63	129392	48.214	ug/l	96
46) Dibromomethane	9.47	93	72754	49.217	ug/l	99
47) Bromodichloromethane	9.66	83	195217	49.966	ug/l	94
48) Methyl methacrylate	9.45	41	75619	47.959	ug/l	95
49) 1,4-Dioxane	9.46	88	16268	856.586	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	378982	238.936	ug/l	100
52) Toluene	10.40	92	360834	49.974	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	186921	50.414	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	219791	50.595	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	103203	48.484	ug/l	99
56) Ethyl methacrylate	10.66	69	127185	49.739	ug/l	96
57) 1,3-Dichloropropane	10.94	76	173208	49.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	305801	265.868	ug/l	100
59) 2-Hexanone	10.98	43	276831	248.687	ug/l	98
60) Dibromochloromethane	11.14	129	145295	49.442	ug/l	98
61) 1,2-Dibromoethane	11.24	107	100228	48.961	ug/l	99
64) Tetrachloroethene	10.87	164	146258	50.350	ug/l	96
65) Chlorobenzene	11.67	112	391632	50.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152567	50.776	ug/l	99
67) Ethyl Benzene	11.74	91	685619	51.520	ug/l	98
68) m/p-Xylenes	11.85	106	525870	101.993	ug/l	97
69) o-Xylene	12.18	106	240551	51.288	ug/l	99
70) Styrene	12.20	104	420247	51.127	ug/l	99
71) Bromoform	12.36	173	85723	48.153	ug/l #	98
73) Isopropylbenzene	12.48	105	699533	54.254	ug/l	99
74) N-amyl acetate	12.29	43	134766	47.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	105907	48.170	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	70065m	43.497	ug/l	
77) Bromobenzene	12.76	156	165163	49.761	ug/l	97
78) n-propylbenzene	12.82	91	805453	53.740	ug/l	100
79) 2-Chlorotoluene	12.91	91	448645	52.337	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	585712	54.318	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	37465	51.415	ug/l	97
82) 4-Chlorotoluene	13.01	91	475144	52.507	ug/l	100
83) tert-Butylbenzene	13.23	119	516660	54.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	582805	54.007	ug/l	99
85) sec-Butylbenzene	13.40	105	697893	54.509	ug/l	99
86) p-Isopropyltoluene	13.52	119	650511	54.171	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	322268	51.661	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	317909	51.101	ug/l	99
89) n-Butylbenzene	13.85	91	596685	55.459	ug/l	100
90) Hexachloroethane	14.11	117	125720	52.493	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	282903	51.280	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18229	48.242	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081720\
Data File : VD066250.D
Acq On : 17 Aug 2020 11:42
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

MMDadoda
8/18/2020 11:08:46 AM

Quant Time: Aug 17 14:06:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	213112	52.419	ug/l	98
94) Hexachlorobutadiene	15.27	225	134660	56.248	ug/l	96
95) Naphthalene	15.41	128	347129	52.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	185705	51.743	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081720\
Data File : VD066250.D
Acq On : 17 Aug 2020 11:42
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

MMDadoda
8/18/2020 11:08:46 AM

Quant Time: Aug 17 14:06:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

