

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066228.D
 Acq On : 14 Aug 2020 11:12
 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
 8/17/2020 5:45:54 PM

Quant Time: Aug 17 08:52:47 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	338967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	438528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149750	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.91	113	151980	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.33	98	564392	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.63	95	199696	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	120654	40.401	ug/l	96
3) Chloromethane	2.20	50	95767	41.224	ug/l	99
4) Vinyl Chloride	2.34	62	99346	48.303	ug/l	97
5) Bromomethane	2.77	94	65530	48.024	ug/l	97
6) Chloroethane	2.92	64	60269	47.738	ug/l	96
7) Trichlorofluoromethane	3.27	101	250040	46.632	ug/l	98
8) Diethyl Ether	3.70	74	72039	47.614	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	149678	47.036	ug/l	98
10) Methyl Iodide	4.30	142	160638	54.716	ug/l	99
11) Tert butyl alcohol	5.22	59	54510	239.851	ug/l	97
12) 1,1-Dichloroethene	4.07	96	136150	45.354	ug/l	94
13) Acrolein	3.92	56	50602	210.218	ug/l	99
14) Allyl chloride	4.71	41	215405	47.364	ug/l	98
15) Acrylonitrile	5.42	53	157560	247.133	ug/l	100
16) Acetone	4.16	43	186208	324.517	ug/l	96
17) Carbon Disulfide	4.40	76	398317	41.731	ug/l	97
18) Methyl Acetate	4.71	43	68762	47.179	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	339851	49.393	ug/l	98
20) Methylene Chloride	4.96	84	159742	48.319	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	156625	45.418	ug/l	98
22) Diisopropyl ether	6.36	45	426438	47.417	ug/l	93
23) Vinyl Acetate	6.30	43	1313109	249.227	ug/l	98
24) 1,1-Dichloroethane	6.26	63	261966	47.068	ug/l	97
25) 2-Butanone	7.21	43	219710	260.334	ug/l	100
26) 2,2-Dichloropropane	7.20	77	256291	51.378	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	175669	48.566	ug/l	99
28) Bromochloromethane	7.54	49	96728	49.482	ug/l	97
29) Tetrahydrofuran	7.56	42	127823	244.458	ug/l	98
30) Chloroform	7.70	83	285215	48.803	ug/l	94
31) Cyclohexane	7.98	56	238612	45.038	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	269656	49.211	ug/l	99
36) 1,1-Dichloropropene	8.11	75	219051	48.035	ug/l	99
37) Ethyl Acetate	7.29	43	90191	49.917	ug/l	97
38) Carbon Tetrachloride	8.09	117	254305	50.007	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066228.D
 Acq On : 14 Aug 2020 11:12
 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
 8/17/2020 5:45:54 PM

Quant Time: Aug 17 08:52:47 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	267300	48.489	ug/l	98
40) Benzene	8.34	78	610938	48.294	ug/l	95
41) Methacrylonitrile	7.52	41	54251	51.067	ug/l	97
42) 1,2-Dichloroethane	8.42	62	183008	49.244	ug/l	99
43) Isopropyl Acetate	8.45	43	182122	51.158	ug/l	97
44) Trichloroethene	9.11	130	183149	48.045	ug/l	94
45) 1,2-Dichloropropane	9.38	63	148419	47.971	ug/l	96
46) Dibromomethane	9.47	93	84335	49.486	ug/l	99
47) Bromodichloromethane	9.66	83	225885	50.149	ug/l	99
48) Methyl methacrylate	9.45	41	93406	51.384	ug/l	98
49) 1,4-Dioxane	9.46	88	21230	969.623	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	464995	254.289	ug/l	98
52) Toluene	10.40	92	406072	48.782	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	219722	51.402	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	253753	50.667	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	121851	49.654	ug/l	98
56) Ethyl methacrylate	10.66	69	155265	52.668	ug/l	98
57) 1,3-Dichloropropane	10.94	76	205483	50.437	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	361497	272.614	ug/l	100
59) 2-Hexanone	10.98	43	348133	271.269	ug/l	97
60) Dibromochloromethane	11.14	129	168838	49.835	ug/l	100
61) 1,2-Dibromoethane	11.24	107	118048	50.019	ug/l	98
64) Tetrachloroethene	10.87	164	162972	48.397	ug/l	97
65) Chlorobenzene	11.67	112	452632	50.845	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	175729	50.450	ug/l	98
67) Ethyl Benzene	11.74	91	790522	51.243	ug/l	98
68) m/p-Xylenes	11.85	106	606615	101.492	ug/l	98
69) o-Xylene	12.18	106	278537	51.229	ug/l	100
70) Styrene	12.20	104	488882	51.307	ug/l	98
71) Bromoform	12.36	173	104217	50.500	ug/l #	100
73) Isopropylbenzene	12.48	105	789047	52.207	ug/l	100
74) N-amyl acetate	12.29	43	171495	51.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	128350	49.803	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	101619m	53.820	ug/l	
77) Bromobenzene	12.76	156	194068	49.881	ug/l	97
78) n-propylbenzene	12.82	91	901090	51.290	ug/l	100
79) 2-Chlorotoluene	12.91	91	510727	50.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	665833	52.678	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	46306	54.213	ug/l	98
82) 4-Chlorotoluene	13.01	91	537177	50.643	ug/l	100
83) tert-Butylbenzene	13.23	119	575664	51.787	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	653107	51.631	ug/l	99
85) sec-Butylbenzene	13.40	105	788378	52.531	ug/l	99
86) p-Isopropyltoluene	13.52	119	736073	52.293	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	364105	49.794	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	372194	51.039	ug/l	99
89) n-Butylbenzene	13.85	91	672125	53.294	ug/l	100
90) Hexachloroethane	14.12	117	139237	49.598	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	326316	50.461	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22545	50.900	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081420\
Data File : VD066228.D
Acq On : 14 Aug 2020 11:12
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
8/17/2020 5:45:54 PM

Quant Time: Aug 17 08:52:47 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	243206	51.034	ug/l	96
94) Hexachlorobutadiene	15.27	225	144214	51.390	ug/l	99
95) Naphthalene	15.41	128	418788	53.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	215613	51.252	ug/l	98

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

