

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065614.D
 Acq On : 13 Apr 2020 13:40
 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
 4/14/2020 10:02:26 AM

Quant Time: Apr 14 02:30:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	728400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209793	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	
35) Dibromofluoromethane	7.92	113	227123	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	
50) Toluene-d8	10.34	98	869266	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.64	95	278647	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	220840	46.784	ug/l	96
3) Chloromethane	2.21	50	250821	42.729	ug/l	100
4) Vinyl Chloride	2.35	62	242937	44.265	ug/l	99
5) Bromomethane	2.77	94	159229	41.138	ug/l	99
6) Chloroethane	2.93	64	150762	44.606	ug/l	99
7) Trichlorofluoromethane	3.27	101	375515	45.111	ug/l	96
8) Diethyl Ether	3.71	74	74702	43.434	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	246364	45.274	ug/l	99
10) Methyl Iodide	4.30	142	278193	45.861	ug/l	99
11) Tert butyl alcohol	5.24	59	61647	246.654	ug/l	99
12) 1,1-Dichloroethene	4.06	96	229908	45.809	ug/l	98
13) Acrolein	3.92	56	78211	225.440	ug/l	97
14) Allyl chloride	4.71	41	353658	47.503	ug/l	100
15) Acrylonitrile	5.43	53	229722	226.499	ug/l	100
16) Acetone	4.16	43	253329	283.366	ug/l	94
17) Carbon Disulfide	4.40	76	738775	44.239	ug/l	100
18) Methyl Acetate	4.72	43	116994	44.585	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	469876	48.428	ug/l	98
20) Methylene Chloride	4.96	84	243845	41.262	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	260203	45.680	ug/l	95
22) Diisopropyl ether	6.37	45	684822	47.855	ug/l	99
23) Vinyl Acetate	6.31	43	1889223	249.528	ug/l	100
24) 1,1-Dichloroethane	6.27	63	426705	44.819	ug/l	99
25) 2-Butanone	7.22	43	301344	246.265	ug/l	99
26) 2,2-Dichloropropane	7.21	77	401748	47.153	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	273310	46.882	ug/l	100
28) Bromochloromethane	7.54	49	171367	44.847	ug/l	99
29) Tetrahydrofuran	7.57	42	181580	236.141	ug/l	99
30) Chloroform	7.71	83	440359	44.174	ug/l	99
31) Cyclohexane	7.98	56	406536	46.031	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	417169	46.305	ug/l	99
36) 1,1-Dichloropropene	8.11	75	357624	47.689	ug/l	99
37) Ethyl Acetate	7.30	43	125399	45.036	ug/l	100
38) Carbon Tetrachloride	8.10	117	384269	47.191	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065614.D
 Acq On : 13 Apr 2020 13:40
 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
 4/14/2020 10:02:26 AM

Quant Time: Apr 14 02:30:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	442580	52.135	ug/l	96
40) Benzene	8.36	78	988775	46.149	ug/l	99
41) Methacrylonitrile	7.53	41	77169	48.983	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	265837	44.420	ug/l	100
43) Isopropyl Acetate	8.46	43	240629	47.367	ug/l	100
44) Trichloroethene	9.11	130	288363	46.828	ug/l	95
45) 1,2-Dichloropropane	9.39	63	235523	45.143	ug/l	97
46) Dibromomethane	9.48	93	125514	44.757	ug/l	98
47) Bromodichloromethane	9.67	83	330212	44.903	ug/l	98
48) Methyl methacrylate	9.46	41	116571	49.476	ug/l	99
49) 1,4-Dioxane	9.47	88	28513	960.039	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	633203	241.869	ug/l	98
52) Toluene	10.41	92	636041	46.950	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	309415	47.404	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	372878	46.657	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	168627	42.849	ug/l	97
56) Ethyl methacrylate	10.67	69	205545	44.212	ug/l	97
57) 1,3-Dichloropropane	10.95	76	293670	45.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	527906	253.271	ug/l	99
59) 2-Hexanone	10.99	43	458064	263.278	ug/l	98
60) Dibromochloromethane	11.14	129	234609	44.763	ug/l	98
61) 1,2-Dibromoethane	11.25	107	170174	45.491	ug/l	100
64) Tetrachloroethene	10.88	164	250615	47.880	ug/l	99
65) Chlorobenzene	11.67	112	673949	47.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	255047	46.978	ug/l	100
67) Ethyl Benzene	11.75	91	1194821	50.771	ug/l	100
68) m/p-Xylenes	11.86	106	938183	101.048	ug/l	99
69) o-Xylene	12.19	106	414312	51.786	ug/l	100
70) Styrene	12.20	104	728952	51.536	ug/l	99
71) Bromoform	12.37	173	138186	45.384	ug/l #	98
73) Isopropylbenzene	12.48	105	1151371	54.167	ug/l	100
74) N-amyl acetate	12.30	43	217254	45.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	181023	46.328	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	122798m	45.896	ug/l	
77) Bromobenzene	12.77	156	281656	48.333	ug/l	99
78) n-propylbenzene	12.83	91	1355536	52.840	ug/l	100
79) 2-Chlorotoluene	12.91	91	747661	50.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	944770	52.735	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	59448	51.467	ug/l	98
82) 4-Chlorotoluene	13.01	91	787185	49.745	ug/l	100
83) tert-Butylbenzene	13.23	119	811246	54.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	929217	52.194	ug/l	99
85) sec-Butylbenzene	13.41	105	1130818	53.049	ug/l	100
86) p-Isopropyltoluene	13.53	119	1069272	54.357	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	533068	47.436	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	527267	46.976	ug/l	100
89) n-Butylbenzene	13.85	91	956436	53.876	ug/l	99
90) Hexachloroethane	14.13	117	205989	48.002	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	454204	47.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27945	46.365	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041320\
Data File : VD065614.D
Acq On : 13 Apr 2020 13:40
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
4/14/2020 10:02:26 AM

Quant Time: Apr 14 02:30:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	317912	50.625	ug/l	98
94) Hexachlorobutadiene	15.28	225	210509	48.227	ug/l	99
95) Naphthalene	15.41	128	492920	45.832	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	273819	50.373	ug/l	99

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

