

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065941.D
 Acq On : 08 Jul 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:23 AM

Quant Time: Jul 09 01:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	438470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	648444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	592236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	164306	42.28	ug/l	0.00
Spiked Amount			Recovery	=	84.56%	
35) Dibromofluoromethane	7.91	113	178414	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
50) Toluene-d8	10.34	98	665415	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.63	95	230194	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	166381	42.683	ug/l	99
3) Chloromethane	2.20	50	151601	39.232	ug/l	99
4) Vinyl Chloride	2.35	62	145274	40.945	ug/l	98
5) Bromomethane	2.77	94	92579	41.192	ug/l	99
6) Chloroethane	2.93	64	86622	40.842	ug/l	91
7) Trichlorofluoromethane	3.27	101	339201	44.606	ug/l	98
8) Diethyl Ether	3.70	74	94654	45.372	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205915	45.270	ug/l	98
10) Methyl Iodide	4.30	142	221873	46.496	ug/l	99
11) Tert butyl alcohol	5.21	59	55148	223.470	ug/l	98
12) 1,1-Dichloroethene	4.06	96	194718	45.822	ug/l	94
13) Acrolein	3.92	56	34992	170.666	ug/l	94
14) Allyl chloride	4.71	41	328033	45.552	ug/l	99
15) Acrylonitrile	5.42	53	209590	229.460	ug/l	99
16) Acetone	4.15	43	223364	245.271	ug/l	95
17) Carbon Disulfide	4.41	76	599670	44.289	ug/l	99
18) Methyl Acetate	4.71	43	91053	42.653	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	420081	46.694	ug/l	100
20) Methylene Chloride	4.96	84	236216	46.484	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	216723	45.330	ug/l	94
22) Diisopropyl ether	6.36	45	626886	46.323	ug/l	98
23) Vinyl Acetate	6.30	43	1818937	235.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	369617	45.804	ug/l	97
25) 2-Butanone	7.21	43	280164	232.815	ug/l	96
26) 2,2-Dichloropropane	7.20	77	327400	46.378	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236194	45.979	ug/l	100
28) Bromochloromethane	7.54	49	122914	40.321	ug/l	97
29) Tetrahydrofuran	7.56	42	170578	222.918	ug/l	100
30) Chloroform	7.71	83	377536	46.149	ug/l	97
31) Cyclohexane	7.98	56	353010	44.461	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	344298	46.117	ug/l	99
36) 1,1-Dichloropropene	8.11	75	297252	46.414	ug/l	98
37) Ethyl Acetate	7.29	43	119605	44.572	ug/l	98
38) Carbon Tetrachloride	8.10	117	320532	46.695	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065941.D
 Acq On : 08 Jul 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:23 AM

Quant Time: Jul 09 01:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	379822	48.307	ug/l	99
40) Benzene	8.35	78	831126	46.976	ug/l	98
41) Methacrylonitrile	7.53	41	64482m	41.389	ug/l	
42) 1,2-Dichloroethane	8.42	62	225199	44.930	ug/l	97
43) Isopropyl Acetate	8.46	43	234746	46.998	ug/l	98
44) Trichloroethene	9.11	130	243744	46.888	ug/l	98
45) 1,2-Dichloropropane	9.39	63	207140	47.170	ug/l	98
46) Dibromomethane	9.47	93	109697	47.982	ug/l	98
47) Bromodichloromethane	9.66	83	280474	45.735	ug/l	99
48) Methyl methacrylate	9.46	41	125465	49.897	ug/l	97
49) 1,4-Dioxane	9.46	88	24957	918.727	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	590000	233.644	ug/l	99
52) Toluene	10.40	92	545240	48.440	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275298	47.742	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	328407	47.133	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	150078	47.645	ug/l	98
56) Ethyl methacrylate	10.66	69	190064	49.402	ug/l	97
57) 1,3-Dichloropropane	10.95	76	254896	46.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	416492	223.530	ug/l	99
59) 2-Hexanone	10.98	43	422713	243.403	ug/l	99
60) Dibromochloromethane	11.14	129	203449	47.274	ug/l	99
61) 1,2-Dibromoethane	11.25	107	145291	46.262	ug/l	98
64) Tetrachloroethene	10.88	164	205266	47.660	ug/l	98
65) Chlorobenzene	11.67	112	568660	47.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	214922	48.147	ug/l	100
67) Ethyl Benzene	11.75	91	1028122	48.491	ug/l	99
68) m/p-Xylenes	11.85	106	791232	98.225	ug/l	99
69) o-Xylene	12.18	106	363671	49.560	ug/l	99
70) Styrene	12.20	104	628669	49.630	ug/l	99
71) Bromoform	12.36	173	120348	47.646	ug/l	# 99
73) Isopropylbenzene	12.48	105	1015485	49.894	ug/l	100
74) N-amyl acetate	12.29	43	216058	47.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	158951	47.041	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	109248m	44.657	ug/l	
77) Bromobenzene	12.76	156	236575	47.924	ug/l	100
78) n-propylbenzene	12.82	91	1171787	49.107	ug/l	99
79) 2-Chlorotoluene	12.91	91	642527	47.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	816100	49.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53916	47.355	ug/l	100
82) 4-Chlorotoluene	13.01	91	669878	47.165	ug/l	98
83) tert-Butylbenzene	13.23	119	707134	49.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	820626	49.521	ug/l	99
85) sec-Butylbenzene	13.40	105	994006	49.453	ug/l	100
86) p-Isopropyltoluene	13.52	119	917450	49.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	450621	48.783	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	441141	47.869	ug/l	99
89) n-Butylbenzene	13.84	91	856000	49.582	ug/l	100
90) Hexachloroethane	14.11	117	175146	47.243	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	386276	47.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24713	43.739	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
Data File : VD065941.D
Acq On : 08 Jul 2020 15:40
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:23 AM

Quant Time: Jul 09 01:34:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	286863	49.854	ug/l	97
94) Hexachlorobutadiene	15.27	225	173088	49.729	ug/l	98
95) Naphthalene	15.40	128	469971	48.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	244765	49.316	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
Data File : VD065941.D
Acq On : 08 Jul 2020 15:40
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:23 AM

Quant Time: Jul 09 01:34:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

