

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065661.D
 Acq On : 17 Apr 2020 23:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 4:28:28 PM

Quant Time: Apr 20 08:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	228286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	337126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	322182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	104237	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.91	113	105905	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	391302	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.64	95	131452	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	88123	46.356	ug/l	98
3) Chloromethane	2.21	50	99566	47.993	ug/l	96
4) Vinyl Chloride	2.35	62	101537	45.051	ug/l	98
5) Bromomethane	2.77	94	62793	51.297	ug/l	97
6) Chloroethane	2.92	64	65861	49.152	ug/l	98
7) Trichlorofluoromethane	3.27	101	140829	43.828	ug/l	100
8) Diethyl Ether	3.70	74	34152	51.745	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94458	64.486	ug/l	98
10) Methyl Iodide	4.30	142	108593	45.398	ug/l	95
11) Tert butyl alcohol	5.24	59	29916	293.488	ug/l	98
12) 1,1-Dichloroethene	4.06	96	91284	69.329	ug/l	94
13) Acrolein	3.92	56	37260	433.526	ug/l	99
14) Allyl chloride	4.71	41	155744	59.333	ug/l	92
15) Acrylonitrile	5.43	53	117195	294.870	ug/l	98
16) Acetone	4.16	43	83323	300.010	ug/l	96
17) Carbon Disulfide	4.40	76	313917	53.634	ug/l	98
18) Methyl Acetate	4.72	43	58529	57.017	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	222724	59.735	ug/l	99
20) Methylene Chloride	4.96	84	112143	61.591	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	111209	52.270	ug/l	94
22) Diisopropyl ether	6.37	45	339291	55.833	ug/l	98
23) Vinyl Acetate	6.31	43	943336	263.940	ug/l	99
24) 1,1-Dichloroethane	6.27	63	193104	50.296	ug/l	100
25) 2-Butanone	7.22	43	136822	264.027	ug/l	95
26) 2,2-Dichloropropane	7.21	77	144486	43.177	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123006	52.115	ug/l	98
28) Bromochloromethane	7.55	49	79296	51.713	ug/l	99
29) Tetrahydrofuran	7.57	42	95545	290.582	ug/l	98
30) Chloroform	7.71	83	198258	50.455	ug/l	98
31) Cyclohexane	7.98	56	164147	44.882	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	167260	47.342	ug/l	100
36) 1,1-Dichloropropene	8.11	75	147979	45.459	ug/l	100
37) Ethyl Acetate	7.30	43	67748	52.187	ug/l	100
38) Carbon Tetrachloride	8.10	117	154775	44.388	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065661.D
 Acq On : 17 Apr 2020 23:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 4:28:28 PM

Quant Time: Apr 20 08:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	168384	44.451	ug/l	98
40) Benzene	8.36	78	447026	47.763	ug/l	100
41) Methacrylonitrile	7.53	41	37950m	59.024	ug/l	
42) 1,2-Dichloroethane	8.43	62	127250	49.610	ug/l	99
43) Isopropyl Acetate	8.46	43	123156	52.683	ug/l	99
44) Trichloroethene	9.11	130	120387	45.951	ug/l	93
45) 1,2-Dichloropropane	9.39	63	113293	49.323	ug/l	99
46) Dibromomethane	9.48	93	59217	49.853	ug/l	99
47) Bromodichloromethane	9.67	83	155154	49.052	ug/l	98
48) Methyl methacrylate	9.46	41	59188	47.424	ug/l	92
49) 1,4-Dioxane	9.47	88	14274	987.860	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	325374	249.317	ug/l	99
52) Toluene	10.41	92	286991	49.741	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	143760	49.499	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	174224	49.566	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	83673	49.802	ug/l	99
56) Ethyl methacrylate	10.67	69	100599	47.981	ug/l	98
57) 1,3-Dichloropropane	10.95	76	142159	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	260618	257.843	ug/l	100
59) 2-Hexanone	10.99	43	214917	240.145	ug/l	98
60) Dibromochloromethane	11.14	129	109925	49.677	ug/l	100
61) 1,2-Dibromoethane	11.25	107	74552	46.116	ug/l	99
64) Tetrachloroethene	10.88	164	103963	44.972	ug/l	97
65) Chlorobenzene	11.68	112	304984	47.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	116846	47.909	ug/l	99
67) Ethyl Benzene	11.75	91	522750	47.952	ug/l	99
68) m/p-Xylenes	11.86	106	411572	97.722	ug/l	98
69) o-Xylene	12.18	106	186849	50.563	ug/l	99
70) Styrene	12.20	104	339841	51.955	ug/l	100
71) Bromoform	12.37	173	66661	48.652	ug/l #	98
73) Isopropylbenzene	12.48	105	488827	48.938	ug/l	100
74) N-amyl acetate	12.30	43	111340	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86882	47.903	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	58312m	43.791	ug/l	
77) Bromobenzene	12.77	156	129542	48.837	ug/l	99
78) n-propylbenzene	12.83	91	581209	48.099	ug/l	100
79) 2-Chlorotoluene	12.91	91	337056	49.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	414702	49.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	29203	48.064	ug/l	97
82) 4-Chlorotoluene	13.01	91	356419	48.267	ug/l	99
83) tert-Butylbenzene	13.23	119	335427	47.459	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	419823	49.957	ug/l	100
85) sec-Butylbenzene	13.41	105	470823	46.563	ug/l	100
86) p-Isopropyltoluene	13.53	119	451113	47.537	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	247118	47.582	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	241745	46.765	ug/l	98
89) n-Butylbenzene	13.86	91	402904	46.779	ug/l	100
90) Hexachloroethane	14.12	117	89264	44.853	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	214439	48.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	13730	50.057	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065661.D
 Acq On : 17 Apr 2020 23:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 4:28:28 PM

Quant Time: Apr 20 08:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150224	49.046	ug/l	98
94) Hexachlorobutadiene	15.28	225	90626	43.153	ug/l	98
95) Naphthalene	15.41	128	238452	45.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	132175	48.913	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065661.D
 Acq On : 17 Apr 2020 23:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 4:28:28 PM

Quant Time: Apr 20 08:39:28 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

