

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065641.D
 Acq On : 17 Apr 2020 13:16
 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
 4/20/2020 4:28:15 PM

Quant Time: Apr 20 07:10:36 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	260846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	355122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	327469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	93499	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
35) Dibromofluoromethane	7.92	113	97316	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	10.34	98	377561	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
62) 4-Bromofluorobenzene	12.64	95	120878	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	103557	47.675	ug/l	98
3) Chloromethane	2.21	50	103559	43.687	ug/l	99
4) Vinyl Chloride	2.35	62	120838	46.923	ug/l	98
5) Bromomethane	2.77	94	66827	47.778	ug/l	98
6) Chloroethane	2.92	64	70226	45.868	ug/l	99
7) Trichlorofluoromethane	3.27	101	161776	44.063	ug/l	100
8) Diethyl Ether	3.71	74	32264	42.783	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	77226	46.141	ug/l	99
10) Methyl Iodide	4.29	142	119176	43.894	ug/l	95
11) Tert butyl alcohol	5.24	59	23739	206.727	ug/l	98
12) 1,1-Dichloroethene	4.06	96	68902	45.798	ug/l	98
13) Acrolein	3.93	56	24757	252.096	ug/l	100
14) Allyl chloride	4.71	41	161008	54.585	ug/l	91
15) Acrylonitrile	5.43	53	103203	227.253	ug/l	97
16) Acetone	4.16	43	93269	293.903	ug/l	97
17) Carbon Disulfide	4.40	76	349785	52.452	ug/l	99
18) Methyl Acetate	4.72	43	51091	45.047	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	196591	46.144	ug/l	99
20) Methylene Chloride	4.96	84	109428	53.303	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	116923	48.096	ug/l	92
22) Diisopropyl ether	6.37	45	309931	44.635	ug/l	99
23) Vinyl Acetate	6.31	43	845109	209.444	ug/l	100
24) 1,1-Dichloroethane	6.26	63	192759	43.939	ug/l	99
25) 2-Butanone	7.22	43	137060	231.472	ug/l	98
26) 2,2-Dichloropropane	7.21	77	172441	45.098	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	119233	44.210	ug/l	99
28) Bromochloromethane	7.55	49	77470	44.216	ug/l	99
29) Tetrahydrofuran	7.57	42	81565	217.100	ug/l	98
30) Chloroform	7.71	83	190737	42.482	ug/l	97
31) Cyclohexane	7.98	56	185586	44.410	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	179320	44.420	ug/l	100
36) 1,1-Dichloropropene	8.11	75	159730	46.582	ug/l	100
37) Ethyl Acetate	7.30	43	59839	43.759	ug/l	98
38) Carbon Tetrachloride	8.10	117	168558	45.891	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065641.D
 Acq On : 17 Apr 2020 13:16
 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
 4/20/2020 4:28:15 PM

Quant Time: Apr 20 07:10:36 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	193259	48.433	ug/l	99
40) Benzene	8.35	78	440899	44.721	ug/l	96
41) Methacrylonitrile	7.53	41	30304	44.744	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	119804	44.340	ug/l	100
43) Isopropyl Acetate	8.46	43	106576	43.280	ug/l	99
44) Trichloroethene	9.11	130	124594	45.147	ug/l	94
45) 1,2-Dichloropropane	9.39	63	108500	44.842	ug/l	100
46) Dibromomethane	9.48	93	54175	43.297	ug/l	99
47) Bromodichloromethane	9.66	83	144707	43.431	ug/l	98
48) Methyl methacrylate	9.46	41	52145	39.944	ug/l	95
49) 1,4-Dioxane	9.47	88	12304	813.783	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	280362	205.702	ug/l	99
52) Toluene	10.40	92	283358	46.623	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	133295	43.570	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	164965	44.554	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	75174	42.476	ug/l	97
56) Ethyl methacrylate	10.67	69	86061	39.621	ug/l	98
57) 1,3-Dichloropropane	10.95	76	130539	43.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	217630	206.940	ug/l	99
59) 2-Hexanone	10.99	43	204682	218.072	ug/l	98
60) Dibromochloromethane	11.14	129	100606	43.161	ug/l	100
61) 1,2-Dibromoethane	11.25	107	72289	42.450	ug/l	99
64) Tetrachloroethene	10.88	164	108020	45.973	ug/l	99
65) Chlorobenzene	11.67	112	297178	45.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	111348	44.918	ug/l	99
67) Ethyl Benzene	11.75	91	528447	47.692	ug/l	97
68) m/p-Xylenes	11.86	106	419715	98.047	ug/l	98
69) o-Xylene	12.18	106	180059	47.939	ug/l	99
70) Styrene	12.20	104	324195	48.762	ug/l	99
71) Bromoform	12.37	173	61536	44.186	ug/l #	98
73) Isopropylbenzene	12.48	105	504437	49.518	ug/l	100
74) N-amyl acetate	12.30	43	98055	41.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	79883	43.187	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	63494m	46.755	ug/l	
77) Bromobenzene	12.77	156	121743	45.004	ug/l	99
78) n-propylbenzene	12.83	91	609148	49.430	ug/l	100
79) 2-Chlorotoluene	12.91	91	330442	47.217	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	420975	48.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	28844	46.550	ug/l	97
82) 4-Chlorotoluene	13.01	91	356597	47.351	ug/l	99
83) tert-Butylbenzene	13.23	119	349190	48.445	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	421930	49.230	ug/l	99
85) sec-Butylbenzene	13.41	105	506020	49.070	ug/l	100
86) p-Isopropyltoluene	13.53	119	478699	49.462	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	240197	45.349	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	238239	45.190	ug/l	99
89) n-Butylbenzene	13.85	91	433344	49.334	ug/l	100
90) Hexachloroethane	14.12	117	93285	45.961	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	204092	44.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12697	45.390	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041720\
Data File : VD065641.D
Acq On : 17 Apr 2020 13:16
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
4/20/2020 4:28:15 PM

Quant Time: Apr 20 07:10:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	145003	46.420	ug/l	98
94) Hexachlorobutadiene	15.28	225	99734	46.566	ug/l	99
95) Naphthalene	15.41	128	212675	40.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	126346	45.846	ug/l	99

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

