

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065534.D
 Acq On : 27 Mar 2020 10:07
 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

apatel
 3/30/2020 2:52:13 PM

Quant Time: Mar 30 06:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	722684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	666378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	215060	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.92	113	228877	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.34	98	891427	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	281310	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138630	48.120	ug/l	95
3) Chloromethane	2.21	50	215344	52.426	ug/l	99
4) Vinyl Chloride	2.35	62	220608	45.741	ug/l	99
5) Bromomethane	2.77	94	153177	50.318	ug/l	97
6) Chloroethane	2.93	64	144084	46.231	ug/l	97
7) Trichlorofluoromethane	3.27	101	344700	47.906	ug/l	100
8) Diethyl Ether	3.71	74	103548	45.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	226896	47.812	ug/l	99
10) Methyl Iodide	4.30	142	240804	43.854	ug/l	99
11) Tert butyl alcohol	5.24	59	63367	259.374	ug/l	96
12) 1,1-Dichloroethene	4.06	96	210898	46.774	ug/l	97
13) Acrolein	3.93	56	100763	244.282	ug/l	97
14) Allyl chloride	4.71	41	321109	46.805	ug/l	99
15) Acrylonitrile	5.43	53	224529	238.825	ug/l	100
16) Acetone	4.16	43	221770	270.536	ug/l	96
17) Carbon Disulfide	4.40	76	708819	47.686	ug/l	100
18) Methyl Acetate	4.72	43	97710	45.839	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	430780	47.906	ug/l	100
20) Methylene Chloride	4.97	84	238568	46.637	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	250991	48.384	ug/l	98
22) Diisopropyl ether	6.37	45	665169	49.999	ug/l	97
23) Vinyl Acetate	6.31	43	1850272	255.340	ug/l	100
24) 1,1-Dichloroethane	6.27	63	410473	48.657	ug/l	98
25) 2-Butanone	7.22	43	284858	255.874	ug/l	99
26) 2,2-Dichloropropane	7.21	77	364984	48.857	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	258619	48.112	ug/l	99
28) Bromochloromethane	7.54	49	167468	47.744	ug/l	99
29) Tetrahydrofuran	7.57	42	181023	250.888	ug/l	97
30) Chloroform	7.71	83	423244	48.434	ug/l	97
31) Cyclohexane	7.98	56	379923	46.521	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	385350	48.811	ug/l	100
36) 1,1-Dichloropropene	8.11	75	341898	51.780	ug/l	99
37) Ethyl Acetate	7.30	43	128728	50.932	ug/l	99
38) Carbon Tetrachloride	8.10	117	356155	51.212	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065534.D
 Acq On : 27 Mar 2020 10:07
 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

apatel
 3/30/2020 2:52:13 PM

Quant Time: Mar 30 06:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	418246	53.727	ug/l	99
40) Benzene	8.35	78	969441	51.453	ug/l	99
41) Methacrylonitrile	7.53	41	75130	51.496	ug/l	95
42) 1,2-Dichloroethane	8.43	62	255008	50.863	ug/l	99
43) Isopropyl Acetate	8.46	43	228999	49.894	ug/l	98
44) Trichloroethene	9.11	130	274506	50.212	ug/l	95
45) 1,2-Dichloropropane	9.39	63	235646	51.486	ug/l	95
46) Dibromomethane	9.48	93	122837	51.147	ug/l	98
47) Bromodichloromethane	9.67	83	319191	50.169	ug/l	98
48) Methyl methacrylate	9.46	41	110591	50.675	ug/l	97
49) 1,4-Dioxane	9.47	88	26653	1020.593	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	623648	269.255	ug/l	99
52) Toluene	10.41	92	625241	52.399	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	299731	51.509	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	367627	51.637	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	172365	50.310	ug/l	97
56) Ethyl methacrylate	10.67	69	195502	46.943	ug/l	98
57) 1,3-Dichloropropane	10.95	76	292650	50.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	502158	258.291	ug/l	100
59) 2-Hexanone	10.99	43	453826	287.370	ug/l	98
60) Dibromochloromethane	11.14	129	230598	50.790	ug/l	100
61) 1,2-Dibromoethane	11.25	107	166135	50.103	ug/l	99
64) Tetrachloroethene	10.88	164	243991	51.114	ug/l	95
65) Chlorobenzene	11.67	112	662140	50.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	252583	51.991	ug/l	100
67) Ethyl Benzene	11.75	91	1168478	53.251	ug/l	100
68) m/p-Xylenes	11.86	106	925931	107.471	ug/l	99
69) o-Xylene	12.18	106	402664	53.366	ug/l	98
70) Styrene	12.20	104	732882	54.992	ug/l	99
71) Bromoform	12.37	173	133513	49.824	ug/l #	98
73) Isopropylbenzene	12.48	105	1104503	51.986	ug/l	100
74) N-amyl acetate	12.30	43	211100	50.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	183677	49.772	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	122782m	46.156	ug/l	
77) Bromobenzene	12.77	156	275300	49.585	ug/l	98
78) n-propylbenzene	12.83	91	1340838	52.945	ug/l	100
79) 2-Chlorotoluene	12.91	91	744779	51.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	939503	53.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	58884	49.410	ug/l	97
82) 4-Chlorotoluene	13.01	91	785077	51.131	ug/l	99
83) tert-Butylbenzene	13.23	119	779273	52.836	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	930793	52.869	ug/l	99
85) sec-Butylbenzene	13.41	105	1119005	53.018	ug/l	99
86) p-Isopropyltoluene	13.53	119	1038709	53.405	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	537153	50.257	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	526089	49.261	ug/l	100
89) n-Butylbenzene	13.86	91	944794	53.490	ug/l	100
90) Hexachloroethane	14.12	117	206593	50.652	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	458551	50.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26932	48.442	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
Data File : VD065534.D
Acq On : 27 Mar 2020 10:07
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

apatel
3/30/2020 2:52:13 PM

Quant Time: Mar 30 06:40:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	310755	49.526	ug/l	99
94) Hexachlorobutadiene	15.28	225	204220	49.946	ug/l	99
95) Naphthalene	15.41	128	478428	45.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	268463	49.817	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032720\
Data File : VD065534.D
Acq On : 27 Mar 2020 10:07
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

apatel
3/30/2020 2:52:13 PM

Quant Time: Mar 30 06:40:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration

