

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064469.D
 Acq On : 09 Dec 2019 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:06:46 PM

Quant Time: Dec 10 02:48:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	504993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	720723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	217390	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.91	113	226152	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.34	98	882406	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.64	95	269201	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	231885	50.677	ug/l	98
3) Chloromethane	2.21	50	283682	49.154	ug/l	98
4) Vinyl Chloride	2.35	62	346918	52.062	ug/l	99
5) Bromomethane	2.77	94	234555	47.599	ug/l	99
6) Chloroethane	2.92	64	221494	49.730	ug/l	95
7) Trichlorofluoromethane	3.27	101	585765	52.878	ug/l	96
8) Diethyl Ether	3.70	74	107697	46.785	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	254650	53.614	ug/l	97
10) Methyl Iodide	4.30	142	284403	56.701	ug/l	99
11) Tert butyl alcohol	5.25	59	62951	216.354	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	239189	52.549	ug/l	97
13) Acrolein	3.92	56	93144	234.698	ug/l	98
14) Allyl chloride	4.71	41	377887	53.197	ug/l	98
15) Acrylonitrile	5.43	53	217384	215.956	ug/l	97
16) Acetone	4.16	43	253095	274.004	ug/l	96
17) Carbon Disulfide	4.40	76	741737	51.452	ug/l	97
18) Methyl Acetate	4.72	43	110141	40.879	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	484751	46.427	ug/l	98
20) Methylene Chloride	4.96	84	249734	53.524	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	263198	51.119	ug/l	97
22) Diisopropyl ether	6.37	45	692598	49.389	ug/l	97
23) Vinyl Acetate	6.31	43	1964951	237.678	ug/l	99
24) 1,1-Dichloroethane	6.26	63	432301	51.260	ug/l	98
25) 2-Butanone	7.22	43	287403	220.014	ug/l	99
26) 2,2-Dichloropropane	7.21	77	412444	56.236	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	278238	49.568	ug/l	97
28) Bromochloromethane	7.55	49	145680	50.546	ug/l	99
29) Tetrahydrofuran	7.57	42	170379	205.006	ug/l	98
30) Chloroform	7.71	83	439844	50.359	ug/l	98
31) Cyclohexane	7.99	56	422450	58.120	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	431677	53.310	ug/l	99
36) 1,1-Dichloropropene	8.11	75	369135	54.149	ug/l	99
37) Ethyl Acetate	7.30	43	122045	42.192	ug/l	99
38) Carbon Tetrachloride	8.10	117	407372	56.620	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064469.D
 Acq On : 09 Dec 2019 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:06:46 PM

Quant Time: Dec 10 02:48:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	461055	54.522	ug/l	98
40) Benzene	8.35	78	983980	51.969	ug/l	99
41) Methacrylonitrile	7.53	41	79211	47.750	ug/l	95
42) 1,2-Dichloroethane	8.43	62	264213	47.851	ug/l	99
43) Isopropyl Acetate	8.46	43	250573	44.057	ug/l	98
44) Trichloroethene	9.11	130	297671	52.192	ug/l	95
45) 1,2-Dichloropropane	9.38	63	233088	51.475	ug/l	97
46) Dibromomethane	9.48	93	119691	46.833	ug/l	99
47) Bromodichloromethane	9.66	83	331442	50.473	ug/l	97
48) Methyl methacrylate	9.46	41	117218	45.040	ug/l	93
49) 1,4-Dioxane	9.46	88	26099	826.989	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	614742	218.452	ug/l	98
52) Toluene	10.40	92	640592	51.915	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	312290	49.900	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	378400	50.896	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	163582	46.745	ug/l	98
56) Ethyl methacrylate	10.66	69	202538	45.378	ug/l	96
57) 1,3-Dichloropropane	10.95	76	281124	47.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	391272	219.906	ug/l	99
59) 2-Hexanone	10.98	43	441493	226.097	ug/l	99
60) Dibromochloromethane	11.14	129	225850	47.600	ug/l	98
61) 1,2-Dibromoethane	11.25	107	160479	45.929	ug/l	100
64) Tetrachloroethene	10.87	164	257506	54.370	ug/l	96
65) Chlorobenzene	11.67	112	666633	51.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	249718	52.076	ug/l	99
67) Ethyl Benzene	11.74	91	1240213	53.812	ug/l	99
68) m/p-Xylenes	11.86	106	960798	109.334	ug/l	99
69) o-Xylene	12.18	106	429892	52.969	ug/l	100
70) Styrene	12.20	104	741358	52.565	ug/l	100
71) Bromoform	12.36	173	133213	46.433	ug/l #	98
73) Isopropylbenzene	12.48	105	1197555	55.489	ug/l	99
74) N-amyl acetate	12.29	43	229977	46.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	163297	45.755	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	117742m	47.713	ug/l	
77) Bromobenzene	12.77	156	274734	51.549	ug/l	100
78) n-propylbenzene	12.83	91	1386952	55.698	ug/l	100
79) 2-Chlorotoluene	12.91	91	745601	54.416	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	966326	54.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	55116	48.702	ug/l	98
82) 4-Chlorotoluene	13.01	91	787622	54.292	ug/l	99
83) tert-Butylbenzene	13.23	119	867521	56.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	964455	54.384	ug/l	99
85) sec-Butylbenzene	13.41	105	1173167	55.749	ug/l	99
86) p-Isopropyltoluene	13.52	119	1114280	56.086	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	526783	52.078	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	514406	51.509	ug/l	100
89) n-Butylbenzene	13.85	91	1005289	55.720	ug/l	99
90) Hexachloroethane	14.12	117	203560	54.780	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	439320	50.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24720	46.005	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064469.D
Acq On : 09 Dec 2019 11:50
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
12/10/2019 4:06:46 PM

Quant Time: Dec 10 02:48:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	325452	49.158	ug/l	97
94) Hexachlorobutadiene	15.28	225	215163	52.644	ug/l	98
95) Naphthalene	15.41	128	504380	45.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	277572	49.116	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064469.D
 Acq On : 09 Dec 2019 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:06:46 PM

Quant Time: Dec 10 02:48:41 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

