

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064482.D
 Acq On : 10 Dec 2019 10:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Manual Integrations
 APPROVED

apatel
 12/11/2019 4:36:17 PM

Quant Time: Dec 11 00:51:40 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	475404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	681389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	600423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301380	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	212587	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	7.91	113	222670	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
50) Toluene-d8	10.34	98	842619	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.64	95	263401	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	206786	48.005	ug/l	99
3) Chloromethane	2.21	50	257312	47.360	ug/l	99
4) Vinyl Chloride	2.35	62	316832	50.506	ug/l	96
5) Bromomethane	2.77	94	216792	46.732	ug/l	94
6) Chloroethane	2.92	64	213123	50.829	ug/l	98
7) Trichlorofluoromethane	3.27	101	540702	51.848	ug/l	97
8) Diethyl Ether	3.70	74	101884	47.015	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	227177	50.806	ug/l	97
10) Methyl Iodide	4.29	142	256484	54.317	ug/l	99
11) Tert butyl alcohol	5.24	59	60789	221.927	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	214930	50.158	ug/l	98
13) Acrolein	3.93	56	98457	263.526	ug/l	99
14) Allyl chloride	4.71	41	345594	51.679	ug/l	99
15) Acrylonitrile	5.43	53	222975	235.297	ug/l	98
16) Acetone	4.17	43	254500	292.673	ug/l	100
17) Carbon Disulfide	4.40	76	679253	50.050	ug/l	98
18) Methyl Acetate	4.72	43	112446	44.332	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	471124	47.931	ug/l	98
20) Methylene Chloride	4.96	84	225903	51.239	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	241958	49.919	ug/l	100
22) Diisopropyl ether	6.36	45	662670	50.196	ug/l	95
23) Vinyl Acetate	6.31	43	1921110	246.838	ug/l	98
24) 1,1-Dichloroethane	6.26	63	403964	50.881	ug/l	97
25) 2-Butanone	7.22	43	299383	243.450	ug/l	100
26) 2,2-Dichloropropane	7.21	77	376220	54.489	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	267193	50.563	ug/l	98
28) Bromochloromethane	7.55	49	132308	48.763	ug/l	100
29) Tetrahydrofuran	7.57	42	178363	227.970	ug/l	97
30) Chloroform	7.71	83	411446	50.040	ug/l	99
31) Cyclohexane	7.98	56	382242	55.665	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	397498	52.144	ug/l	100
36) 1,1-Dichloropropene	8.11	75	333782	51.789	ug/l	99
37) Ethyl Acetate	7.30	43	129135	47.220	ug/l	98
38) Carbon Tetrachloride	8.10	117	366704	53.910	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064482.D
 Acq On : 10 Dec 2019 10:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTD05006

Manual Integrations
 APPROVED

apatel
 12/11/2019 4:36:17 PM

Quant Time: Dec 11 00:51:40 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	419951	52.528	ug/l	97
40) Benzene	8.35	78	922015	51.508	ug/l	99
41) Methacrylonitrile	7.53	41	78229	49.880	ug/l	93
42) 1,2-Dichloroethane	8.43	62	257715	49.368	ug/l	99
43) Isopropyl Acetate	8.46	43	264365	49.166	ug/l	99
44) Trichloroethene	9.11	130	274306	50.872	ug/l	97
45) 1,2-Dichloropropane	9.38	63	220328	51.466	ug/l	100
46) Dibromomethane	9.47	93	119981	49.657	ug/l	100
47) Bromodichloromethane	9.66	83	319488	51.461	ug/l	100
48) Methyl methacrylate	9.46	41	118971	48.352	ug/l	96
49) 1,4-Dioxane	9.46	88	26688	894.469	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	633998	238.300	ug/l	100
52) Toluene	10.40	92	605291	51.886	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	305471	51.628	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	362118	51.518	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	160933	48.643	ug/l	95
56) Ethyl methacrylate	10.66	69	206226	48.871	ug/l	100
57) 1,3-Dichloropropane	10.95	76	276821	49.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	374394	222.567	ug/l	99
59) 2-Hexanone	10.98	43	468570	253.816	ug/l	100
60) Dibromochloromethane	11.14	129	224144	49.967	ug/l	99
61) 1,2-Dibromoethane	11.25	107	160725	48.655	ug/l	98
64) Tetrachloroethene	10.88	164	234387	51.191	ug/l	95
65) Chlorobenzene	11.67	112	631841	50.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	236989	51.121	ug/l	100
67) Ethyl Benzene	11.74	91	1165067	52.290	ug/l	99
68) m/p-Xylenes	11.86	106	897759	105.674	ug/l	100
69) o-Xylene	12.18	106	402996	51.362	ug/l	97
70) Styrene	12.20	104	706858	51.843	ug/l	100
71) Bromoform	12.36	173	136809	49.327	ug/l #	98
73) Isopropylbenzene	12.48	105	1122147	51.770	ug/l	100
74) N-amyl acetate	12.29	43	235723	47.916	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	163944	45.737	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	123853m	49.972	ug/l	
77) Bromobenzene	12.77	156	270553	50.545	ug/l	99
78) n-propylbenzene	12.83	91	1295640	51.806	ug/l	100
79) 2-Chlorotoluene	12.91	91	703859	51.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	916313	51.731	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55692	48.997	ug/l	99
82) 4-Chlorotoluene	13.01	91	734587	50.417	ug/l	100
83) tert-Butylbenzene	13.23	119	812033	52.732	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	901308	50.604	ug/l	100
85) sec-Butylbenzene	13.41	105	1110614	52.548	ug/l	99
86) p-Isopropyltoluene	13.52	119	1055692	52.907	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	519006	51.087	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	503615	50.210	ug/l	100
89) n-Butylbenzene	13.85	91	952554	52.568	ug/l	99
90) Hexachloroethane	14.12	117	195184	52.299	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	429933	49.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	28029	52.557	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
Data File : VD064482.D
Acq On : 10 Dec 2019 10:21
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Manual Integrations
APPROVED

apatel
12/11/2019 4:36:17 PM

Quant Time: Dec 11 00:51:40 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	320969	48.271	ug/l	98
94) Hexachlorobutadiene	15.28	225	210424	51.262	ug/l	99
95) Naphthalene	15.41	128	519312	46.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	277085	48.818	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064482.D
 Acq On : 10 Dec 2019 10:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Manual Integrations
 APPROVED

apatel
 12/11/2019 4:36:17 PM

Quant Time: Dec 11 00:51:40 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

