

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060678.D
 Acq On : 21 Dec 2018 12:34
 Operator : VA/AP
 Sample : VD1221SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:57:43 AM

Quant Time: Dec 21 13:59:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1315350	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.48	114	1805044	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.31	117	1455286	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	760558	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.82	65	507547	55.84	ug/l	0.03
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	6.36	113	723144	54.74	ug/l	0.03
Spiked Amount	50.000		Recovery	=	109.48%	
50) Toluene-d8	9.49	98	2129097	54.01	ug/l	0.03
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.45	95	741767	53.73	ug/l	0.03
Spiked Amount	50.000		Recovery	=	107.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	315534	18.774	ug/l	100
3) Chloromethane	1.77	50	294375	19.032	ug/l	97
4) Vinyl Chloride	1.87	62	228479	18.605	ug/l	99
5) Bromomethane	2.17	94	34881	12.680	ug/l	93
6) Chloroethane	2.28	64	65327	17.825	ug/l	95
7) Trichlorofluoromethane	2.53	101	266596	19.518	ug/l	96
8) Diethyl Ether	2.86	74	49713	21.754	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.12	101	177467	20.030	ug/l	98
10) Methyl Iodide	3.28	142	175231	18.818	ug/l	100
11) Tert butyl alcohol	4.02	59	33043	86.980	ug/l	96
12) 1,1-Dichloroethene	3.10	96	147452	20.254	ug/l	94
13) Acrolein	3.01	56	40436	104.452	ug/l	96
14) Allyl chloride	3.56	41	260908	19.531	ug/l	98
15) Acrylonitrile	4.13	53	229684	104.141	ug/l	99
16) Acetone	3.19	43	158068	99.574	ug/l	100
17) Carbon Disulfide	3.35	76	433531	18.646	ug/l	100
18) Methyl Acetate	3.58	43	75984	19.314	ug/l	95
19) Methyl tert-butyl Ether	4.16	73	384379	20.811	ug/l	97
20) Methylene Chloride	3.75	84	333233	20.213	ug/l	99
21) trans-1,2-Dichloroethene	4.14	96	289077	19.389	ug/l	96
22) Diisopropyl ether	4.89	45	954058	21.035	ug/l	98
23) Vinyl Acetate	4.83	43	2326428	106.019	ug/l	99
24) 1,1-Dichloroethane	4.79	63	482318	20.217	ug/l	99
25) 2-Butanone	5.66	43	318121	104.725	ug/l	100
26) 2,2-Dichloropropane	5.62	77	379111	20.132	ug/l	95
27) cis-1,2-Dichloroethene	5.63	96	308125	20.359	ug/l	97
28) Bromochloromethane	5.96	49	191718	19.022	ug/l	95
29) Tetrahydrofuran	5.99	42	185393	107.658	ug/l	98
30) Chloroform	6.13	83	491860	20.489	ug/l	99
31) Cyclohexane	6.40	56	453865	19.769	ug/l	96
32) 1,1,1-Trichloroethane	6.33	97	393347	19.805	ug/l	97
36) 1,1-Dichloropropene	6.56	75	386989	20.820	ug/l	98
37) Ethyl Acetate	5.73	43	168137	21.629	ug/l	96
38) Carbon Tetrachloride	6.54	117	336574	20.526	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060678.D
 Acq On : 21 Dec 2018 12:34
 Operator : VA/AP
 Sample : VD1221SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1221SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:57:43 AM

Quant Time: Dec 21 13:59:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	426386	20.114	ug/l	99
40) Benzene	6.83	78	982690	20.468	ug/l	99
41) Methacrylonitrile	5.96	41	79041m	18.382	ug/l	
42) 1,2-Dichloroethane	6.93	62	249071	20.905	ug/l	99
43) Isopropyl Acetate	8.38	43	196537	19.702	ug/l #	96
44) Trichloroethene	7.78	130	286975	20.195	ug/l	100
45) 1,2-Dichloropropane	8.14	63	236896	20.120	ug/l	98
46) Dibromomethane	8.25	93	134738	20.050	ug/l	96
47) Bromodichloromethane	8.52	83	324580	20.393	ug/l	97
48) Methyl methacrylate	8.28	41	124669	20.576	ug/l	97
49) 1,4-Dioxane	8.26	88	20922	371.387	ug/l	91
51) 4-Methyl-2-Pentanone	9.37	43	648930	106.176	ug/l	97
52) Toluene	9.58	92	614187	20.406	ug/l	99
53) t-1,3-Dichloropropene	9.95	75	263557	19.848	ug/l	98
54) cis-1,3-Dichloropropene	9.13	75	354007	20.368	ug/l	96
55) 1,1,2-Trichloroethane	10.21	97	165856	20.481	ug/l	98
56) Ethyl methacrylate	10.06	69	152758	20.309	ug/l	96
57) 1,3-Dichloropropane	10.41	76	261314	20.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.96	63	470698	106.204	ug/l	97
59) 2-Hexanone	10.51	43	451657	105.576	ug/l	99
60) Dibromochloromethane	10.67	129	211623	20.516	ug/l	100
61) 1,2-Dibromoethane	10.79	107	170953	20.352	ug/l	96
64) Tetrachloroethene	10.29	164	271441	20.579	ug/l	98
65) Chlorobenzene	11.34	112	662287	20.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.44	131	222558	21.528	ug/l	95
67) Ethyl Benzene	11.45	91	1148661	20.860	ug/l	96
68) m/p-Xylenes	11.58	106	834694	41.479	ug/l	94
69) o-Xylene	11.96	106	395436	20.712	ug/l	91
70) Styrene	11.98	104	648438	21.088	ug/l	98
71) Bromoform	12.14	173	138964	20.364	ug/l	96
73) Isopropylbenzene	12.29	105	1106302	20.430	ug/l	99
74) N-amyl acetate	12.16	43	260166	20.357	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	185040	21.082	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	182815	21.113	ug/l	99
77) Bromobenzene	12.56	156	301747	21.106	ug/l	97
78) n-propylbenzene	12.66	91	1468589	21.214	ug/l	97
79) 2-Chlorotoluene	12.73	91	750850	20.250	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	882675	21.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.36	75	46857	19.584	ug/l	95
82) 4-Chlorotoluene	12.83	91	880627	20.954	ug/l	88
83) tert-Butylbenzene	13.07	119	998495	20.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	887777	20.614	ug/l	99
85) sec-Butylbenzene	13.24	105	1184564	20.411	ug/l	99
86) p-Isopropyltoluene	13.36	119	979387	20.906	ug/l	97
87) 1,3-Dichlorobenzene	13.33	146	553980	21.108	ug/l	95
88) 1,4-Dichlorobenzene	13.42	146	533467	20.628	ug/l	97
89) n-Butylbenzene	13.66	91	1030961	21.536	ug/l	97
90) Hexachloroethane	13.88	117	235401	20.454	ug/l	96
91) 1,2-Dichlorobenzene	13.68	146	464981	22.087	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20778	20.150	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060678.D
Acq On : 21 Dec 2018 12:34
Operator : VA/AP
Sample : VD1221SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/26/2018 10:57:43 AM

Quant Time: Dec 21 13:59:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	356317	21.270	ug/l	96
94) Hexachlorobutadiene	14.90	225	257865	20.825	ug/l	97
95) Naphthalene	14.99	128	413568	20.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.14	180	269412	20.573	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060678.D
Acq On : 21 Dec 2018 12:34
Operator : VA/AP
Sample : VD1221SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
VD1221SBS01

Manual Integrations
APPROVED

MMDadoda
12/26/2018 10:57:43 AM

Quant Time: Dec 21 13:59:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

