

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060594.D
 Acq On : 17 Dec 2018 12:44
 Operator : VA/AP
 Sample : VD1217SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBS01

Manual Integrations
 APPROVED

apatel
 12/18/2018 3:30:57 PM

Quant Time: Dec 18 13:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1368079	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	1871429	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1509291	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	810580	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.81	65	491708	50.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	6.34	113	704000	51.21	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	9.47	98	2045248	51.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.45	95	725171	50.95	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	365889	24.791	ug/l	98
3) Chloromethane	1.77	50	309060	21.987	ug/l	97
4) Vinyl Chloride	1.87	62	256404	22.856	ug/l	96
5) Bromomethane	2.16	94	46487	16.564	ug/l	98
6) Chloroethane	2.27	64	73262	18.751	ug/l	94
7) Trichlorofluoromethane	2.53	101	299242	23.102	ug/l	94
8) Diethyl Ether	2.84	74	48253	21.567	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.11	101	191866	22.829	ug/l	97
10) Methyl Iodide	3.26	142	212115	21.591	ug/l	98
11) Tert butyl alcohol	3.99	59	37280	94.630	ug/l	98
12) 1,1-Dichloroethene	3.09	96	156680	22.913	ug/l	99
13) Acrolein	3.00	56	39255	91.191	ug/l	98
14) Allyl chloride	3.56	41	272666	21.016	ug/l	97
15) Acrylonitrile	4.11	53	238316	106.538	ug/l	99
16) Acetone	3.18	43	162110	104.296	ug/l	97
17) Carbon Disulfide	3.33	76	475164	21.392	ug/l	98
18) Methyl Acetate	3.58	43	75041	20.314	ug/l	98
19) Methyl tert-butyl Ether	4.15	73	407516	21.490	ug/l	98
20) Methylene Chloride	3.74	84	338094	21.105	ug/l	97
21) trans-1,2-Dichloroethene	4.12	96	318403	21.406	ug/l	98
22) Diisopropyl ether	4.88	45	1001290	21.496	ug/l	98
23) Vinyl Acetate	4.83	43	2423380	105.003	ug/l	99
24) 1,1-Dichloroethane	4.78	63	524156	21.660	ug/l	99
25) 2-Butanone	5.65	43	318217	104.060	ug/l	99
26) 2,2-Dichloropropane	5.61	77	421092	22.525	ug/l	95
27) cis-1,2-Dichloroethene	5.62	96	327816	21.675	ug/l	92
28) Bromochloromethane	5.95	49	222943	20.797	ug/l	99
29) Tetrahydrofuran	5.98	42	182155	105.190	ug/l	99
30) Chloroform	6.13	83	523558	21.475	ug/l	99
31) Cyclohexane	6.39	56	489014	21.444	ug/l	99
32) 1,1,1-Trichloroethane	6.32	97	431423	21.526	ug/l	98
36) 1,1-Dichloropropene	6.55	75	407266	22.264	ug/l	99
37) Ethyl Acetate	5.71	43	170487	21.490	ug/l	98
38) Carbon Tetrachloride	6.52	117	370204	22.543	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060594.D
 Acq On : 17 Dec 2018 12:44
 Operator : VA/AP
 Sample : VD1217SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1217SBS01

Manual Integrations
 APPROVED

apatel
 12/18/2018 3:30:57 PM

Quant Time: Dec 18 13:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	445914	21.383	ug/l	97
40) Benzene	6.82	78	1042632	22.302	ug/l	99
41) Methacrylonitrile	5.94	41	79971m	18.700	ug/l	
42) 1,2-Dichloroethane	6.92	62	259909	21.865	ug/l	99
43) Isopropyl Acetate	8.37	43	199515	20.373	ug/l #	99
44) Trichloroethene	7.76	130	315900	22.610	ug/l	98
45) 1,2-Dichloropropane	8.13	63	246518	21.320	ug/l	98
46) Dibromomethane	8.24	93	146737	21.965	ug/l	99
47) Bromodichloromethane	8.51	83	347569	21.927	ug/l	100
48) Methyl methacrylate	8.26	41	129423	22.335	ug/l	96
49) 1,4-Dioxane	8.25	88	22796	434.064	ug/l #	78
51) 4-Methyl-2-Pentanone	9.37	43	647972	106.369	ug/l	99
52) Toluene	9.57	92	645445	22.089	ug/l	98
53) t-1,3-Dichloropropene	9.94	75	285037	21.884	ug/l	99
54) cis-1,3-Dichloropropene	9.13	75	382721	22.365	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	173046	21.266	ug/l	97
56) Ethyl methacrylate	10.05	69	160034	21.731	ug/l	96
57) 1,3-Dichloropropane	10.40	76	273546	21.746	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.94	63	511683	116.120	ug/l	96
59) 2-Hexanone	10.51	43	453969	106.616	ug/l	97
60) Dibromochloromethane	10.66	129	224153	22.032	ug/l	99
61) 1,2-Dibromoethane	10.78	107	182529	22.011	ug/l	100
64) Tetrachloroethene	10.27	164	290669	21.749	ug/l	100
65) Chlorobenzene	11.33	112	695826	21.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	232202	22.562	ug/l	96
67) Ethyl Benzene	11.44	91	1215225	22.313	ug/l	96
68) m/p-Xylenes	11.58	106	892717	44.306	ug/l	96
69) o-Xylene	11.95	106	420265	21.887	ug/l	96
70) Styrene	11.97	104	681455	22.110	ug/l	99
71) Bromoform	12.13	173	146743	21.372	ug/l	97
73) Isopropylbenzene	12.29	105	1189803	20.743	ug/l	99
74) N-amyl acetate	12.15	43	276576	19.951	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	187947	20.467	ug/l	98
76) 1,2,3-Trichloropropane	12.61	75	179998	19.598	ug/l	100
77) Bromobenzene	12.55	156	318467	21.122	ug/l	98
78) n-propylbenzene	12.65	91	1504115	20.744	ug/l	100
79) 2-Chlorotoluene	12.72	91	814663	20.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	965730	22.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.36	75	51775	20.212	ug/l	98
82) 4-Chlorotoluene	12.82	91	950315	21.505	ug/l	89
83) tert-Butylbenzene	13.07	119	1066863	21.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	979925	21.592	ug/l	99
85) sec-Butylbenzene	13.23	105	1280730	20.910	ug/l	98
86) p-Isopropyltoluene	13.36	119	1039030	21.399	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	585436	21.445	ug/l	95
88) 1,4-Dichlorobenzene	13.40	146	578523	21.602	ug/l	95
89) n-Butylbenzene	13.67	91	1074442	19.858	ug/l	99
90) Hexachloroethane	13.87	117	254902	20.939	ug/l	98
91) 1,2-Dichlorobenzene	13.68	146	488522	21.898	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21487	19.311	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060594.D
Acq On : 17 Dec 2018 12:44
Operator : VA/AP
Sample : VD1217SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBSD01

Manual Integrations
APPROVED

apatel
12/18/2018 3:30:57 PM

Quant Time: Dec 18 13:02:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	371273	21.289	ug/l	95
94) Hexachlorobutadiene	14.90	225	272252	21.159	ug/l	98
95) Naphthalene	14.98	128	430227	20.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	290782	20.926	ug/l	99

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

