

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060242.D
 Acq On : 31 Oct 2018 15:27
 Operator : VA/AP
 Sample : VD1031SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 11:59:28 AM

Quant Time: Nov 01 00:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1506759	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2114744	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1738153	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	947574	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	602013	52.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	6.33	113	837273	52.14	ug/l	0.03
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	9.46	98	2272267	49.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.43	95	884142	51.57	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	282810	19.953	ug/l	95
3) Chloromethane	1.76	50	302902	23.700	ug/l	98
4) Vinyl Chloride	1.85	62	245155	23.439	ug/l	99
5) Bromomethane	2.14	94	21128	16.087	ug/l	88
6) Chloroethane	2.25	64	51675	18.105	ug/l	94
7) Trichlorofluoromethane	2.50	101	263667	21.053	ug/l	99
8) Diethyl Ether	2.83	74	64528	25.057	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.08	101	191736	24.575	ug/l	97
10) Methyl Iodide	3.25	142	163436	19.753	ug/l	98
11) Tert butyl alcohol	3.99	59	90357	110.308	ug/l	98
12) 1,1-Dichloroethene	3.07	96	161051	26.202	ug/l	87
13) Acrolein	2.98	56	38232	75.714	ug/l	97
14) Allyl chloride	3.54	41	313214	24.536	ug/l	100
15) Acrylonitrile	4.09	53	403000	118.862	ug/l	98
16) Acetone	3.16	43	299495	144.512	ug/l	98
17) Carbon Disulfide	3.31	76	459509	22.231	ug/l	99
18) Methyl Acetate	3.56	43	116062	26.055	ug/l	95
19) Methyl tert-butyl Ether	4.13	73	644847	23.862	ug/l	98
20) Methylene Chloride	3.72	84	435921	24.532	ug/l	97
21) trans-1,2-Dichloroethene	4.10	96	352786	22.224	ug/l	98
22) Diisopropyl ether	4.86	45	1359219	23.842	ug/l	98
23) Vinyl Acetate	4.81	43	3912763	122.099	ug/l	98
24) 1,1-Dichloroethane	4.76	63	604100	23.370	ug/l	98
25) 2-Butanone	5.63	43	685888	132.474	ug/l	97
26) 2,2-Dichloropropane	5.59	77	482097	24.602	ug/l	97
27) cis-1,2-Dichloroethene	5.60	96	389952	23.185	ug/l	96
28) Bromochloromethane	5.93	49	291575	23.212	ug/l	100
29) Tetrahydrofuran	5.96	42	356434	118.520	ug/l	99
30) Chloroform	6.10	83	623643	23.851	ug/l	99
31) Cyclohexane	6.37	56	536833	21.695	ug/l	99
32) 1,1,1-Trichloroethane	6.30	97	501534	23.412	ug/l	99
36) 1,1-Dichloropropene	6.53	75	452799	22.407	ug/l	96
37) Ethyl Acetate	5.70	43	322777	24.064	ug/l	99
38) Carbon Tetrachloride	6.51	117	420084	22.904	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060242.D
 Acq On : 31 Oct 2018 15:27
 Operator : VA/AP
 Sample : VD1031SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1031SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 11:59:28 AM

Quant Time: Nov 01 00:13:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	505268	22.006	ug/l	96
40) Benzene	6.80	78	1184990	22.414	ug/l	100
41) Methacrylonitrile	5.93	41	116059m	15.308	ug/l	
42) 1,2-Dichloroethane	6.90	62	350968	23.155	ug/l	100
43) Isopropyl Acetate	8.36	43	405112	22.957	ug/l	99
44) Trichloroethene	7.75	130	357243	21.829	ug/l	97
45) 1,2-Dichloropropane	8.11	63	316659	22.875	ug/l	97
46) Dibromomethane	8.22	93	203069	22.658	ug/l	93
47) Bromodichloromethane	8.50	83	437888	22.931	ug/l	99
48) Methyl methacrylate	8.25	41	234808	23.360	ug/l	98
49) 1,4-Dioxane	8.23	88	44595	450.897	ug/l	98
51) 4-Methyl-2-Pentanone	9.35	43	1319392	118.539	ug/l	99
52) Toluene	9.56	92	781105	22.941	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	398574	23.067	ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	496729	23.280	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	262924	23.621	ug/l	98
56) Ethyl methacrylate	10.04	69	282279	22.974	ug/l	95
57) 1,3-Dichloropropane	10.38	76	383781	22.607	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	808929	118.557	ug/l	96
59) 2-Hexanone	10.49	43	1071334	133.856	ug/l	99
60) Dibromochloromethane	10.65	129	318838	23.346	ug/l	100
61) 1,2-Dibromoethane	10.77	107	277186	23.437	ug/l	96
64) Tetrachloroethene	10.26	164	330275	21.695	ug/l	99
65) Chlorobenzene	11.32	112	857031	22.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.43	131	301822	24.061	ug/l	97
67) Ethyl Benzene	11.43	91	1453292	23.854	ug/l	97
68) m/p-Xylenes	11.57	106	1089155	47.847	ug/l	96
69) o-Xylene	11.94	106	517613	22.989	ug/l	95
70) Styrene	11.96	104	878859	23.341	ug/l	99
71) Bromoform	12.12	173	231859	22.826	ug/l	98
73) Isopropylbenzene	12.28	105	1418246	22.687	ug/l	100
74) N-amyl acetate	12.14	43	524067	22.887	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	307385	22.523	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	313959	23.007	ug/l	97
77) Bromobenzene	12.55	156	403036	22.186	ug/l	84
78) n-propylbenzene	12.64	91	1798417	23.169	ug/l	99
79) 2-Chlorotoluene	12.71	91	990416	22.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	1128798	23.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	87579	22.840	ug/l	98
82) 4-Chlorotoluene	12.82	91	1130659	23.204	ug/l	100
83) tert-Butylbenzene	13.05	119	1263705	22.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	1170270	22.950	ug/l	98
85) sec-Butylbenzene	13.23	105	1440979	21.951	ug/l	99
86) p-Isopropyltoluene	13.35	119	1242682	23.079	ug/l	98
87) 1,3-Dichlorobenzene	13.32	146	725802	22.932	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	710898	22.362	ug/l	98
89) n-Butylbenzene	13.65	91	1274470	24.258	ug/l	100
90) Hexachloroethane	13.86	117	285610	22.920	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	632593	23.771	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	42663	23.412	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060242.D
Acq On : 31 Oct 2018 15:27
Operator : VA/AP
Sample : VD1031SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1031SBS01

Manual Integrations
APPROVED

MMDadoda
11/1/2018 11:59:28 AM

Quant Time: Nov 01 00:13:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	501763	22.214	ug/l	98
94) Hexachlorobutadiene	14.88	225	329269	21.930	ug/l	99
95) Naphthalene	14.97	128	723379	21.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	432205	21.996	ug/l	96

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

