

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066681.D
 Acq On : 14 Sep 2020 20:36
 Operator : VA/SY
 Sample : VD0914SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:59 PM

Quant Time: Sep 15 02:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	348162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	585493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	531962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	246145	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.91	113	226813	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
50) Toluene-d8	10.34	98	800321	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
62) 4-Bromofluorobenzene	12.63	95	272239	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	70604	22.380	ug/l	84
3) Chloromethane	2.21	50	94182	21.390	ug/l	98
4) Vinyl Chloride	2.35	62	104205	21.338	ug/l	98
5) Bromomethane	2.76	94	73392	21.147	ug/l	85
6) Chloroethane	2.92	64	66853	21.553	ug/l	94
7) Trichlorofluoromethane	3.27	101	151554	21.008	ug/l	93
8) Diethyl Ether	3.71	74	37175	20.464	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	82360	21.094	ug/l	99
10) Methyl Iodide	4.30	142	72476	22.736	ug/l	99
11) Tert butyl alcohol	5.22	59	35310	108.265	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	72938	20.793	ug/l	97
13) Acrolein	3.92	56	14288	82.954	ug/l	93
14) Allyl chloride	4.71	41	120512	20.963	ug/l	95
15) Acrylonitrile	5.43	53	83983	107.618	ug/l	99
16) Acetone	4.16	43	73588	94.943	ug/l #	87
17) Carbon Disulfide	4.40	76	234600	20.344	ug/l	99
18) Methyl Acetate	4.71	43	43020	23.284	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	180777	21.977	ug/l	97
20) Methylene Chloride	4.96	84	117217	24.356	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	88714	21.298	ug/l	95
22) Diisopropyl ether	6.37	45	257789	21.806	ug/l	98
23) Vinyl Acetate	6.30	43	730732	108.619	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162977	21.922	ug/l	100
25) 2-Butanone	7.21	43	104339	100.282	ug/l	99
26) 2,2-Dichloropropane	7.21	77	134533	19.728	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	98853	22.068	ug/l	98
28) Bromochloromethane	7.54	49	57021	19.922	ug/l	99
29) Tetrahydrofuran	7.56	42	69494	107.246	ug/l	99
30) Chloroform	7.71	83	171833	21.848	ug/l	96
31) Cyclohexane	7.98	56	136208	19.820	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	158320	21.410	ug/l	98
36) 1,1-Dichloropropene	8.11	75	128705	21.123	ug/l	99
37) Ethyl Acetate	7.29	43	52136	21.488	ug/l #	94
38) Carbon Tetrachloride	8.09	117	136768	21.236	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066681.D
 Acq On : 14 Sep 2020 20:36
 Operator : VA/SY
 Sample : VD0914SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:27:59 PM

Quant Time: Sep 15 02:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	134532	19.773	ug/l	93
40) Benzene	8.35	78	349657	20.953	ug/l	98
41) Methacrylonitrile	7.52	41	23057	19.632	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	117031	21.644	ug/l	100
43) Isopropyl Acetate	8.45	43	98580	21.201	ug/l	97
44) Trichloroethene	9.11	130	93247	21.302	ug/l	91
45) 1,2-Dichloropropane	9.38	63	90973	21.677	ug/l	97
46) Dibromomethane	9.47	93	50141	21.656	ug/l	97
47) Bromodichloromethane	9.66	83	139482	22.266	ug/l	96
48) Methyl methacrylate	9.46	41	46765	19.890	ug/l #	89
49) 1,4-Dioxane	9.46	88	10447	411.276	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	248612	106.019	ug/l	100
52) Toluene	10.40	92	227797	21.564	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	116117	20.998	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	140506	21.158	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	65565	22.024	ug/l	92
56) Ethyl methacrylate	10.66	69	72837	21.013	ug/l	92
57) 1,3-Dichloropropane	10.94	76	114309	21.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	207003	130.565	ug/l	99
59) 2-Hexanone	10.98	43	165216	104.769	ug/l	97
60) Dibromochloromethane	11.14	129	84539	21.475	ug/l	97
61) 1,2-Dibromoethane	11.25	107	62661	21.635	ug/l	98
64) Tetrachloroethene	10.87	164	75725	21.142	ug/l	93
65) Chlorobenzene	11.67	112	233192	21.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	88807	21.194	ug/l	98
67) Ethyl Benzene	11.74	91	416144	20.642	ug/l	98
68) m/p-Xylenes	11.86	106	313094	41.827	ug/l	94
69) o-Xylene	12.18	106	140797	20.988	ug/l	93
70) Styrene	12.20	104	251737	21.585	ug/l	99
71) Bromoform	12.36	173	44656	21.146	ug/l #	100
73) Isopropylbenzene	12.48	105	394285	21.605	ug/l	100
74) N-amyl acetate	12.29	43	86180	20.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	68600	21.277	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	45153m	19.048	ug/l	
77) Bromobenzene	12.76	156	90413	22.222	ug/l	99
78) n-propylbenzene	12.82	91	484202	21.887	ug/l	99
79) 2-Chlorotoluene	12.91	91	275998	22.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	337158	21.950	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	21437	21.113	ug/l	98
82) 4-Chlorotoluene	13.00	91	290355	21.878	ug/l	99
83) tert-Butylbenzene	13.23	119	272595	21.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	332251	21.726	ug/l	99
85) sec-Butylbenzene	13.40	105	382477	21.165	ug/l	100
86) p-Isopropyltoluene	13.52	119	347117	21.341	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	172598	21.368	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	170143	20.987	ug/l	98
89) n-Butylbenzene	13.84	91	331595	20.920	ug/l	98
90) Hexachloroethane	14.11	117	74845	21.356	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	148989	21.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	11440	20.888	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066681.D
Acq On : 14 Sep 2020 20:36
Operator : VA/SY
Sample : VD0914SBS02
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS02

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:27:59 PM

Quant Time: Sep 15 02:58:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	91966	21.705	ug/l	97
94) Hexachlorobutadiene	15.27	225	52659	20.687	ug/l	97
95) Naphthalene	15.41	128	157922	21.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75387	20.869	ug/l	97

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

