

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065186.D
 Acq On : 14 Feb 2020 14:25
 Operator : VA/SY
 Sample : VD0214SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/17/2020 10:34:59 AM

Quant Time: Feb 15 00:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	678064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	610741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	210727	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.92	113	215233	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
50) Toluene-d8	10.34	98	846498	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.64	95	259021	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	77088	20.564	ug/l	95
3) Chloromethane	2.21	50	101646	23.035	ug/l	97
4) Vinyl Chloride	2.35	62	104852	22.468	ug/l	92
5) Bromomethane	2.77	94	62544	20.669	ug/l	92
6) Chloroethane	2.93	64	65477	22.619	ug/l	99
7) Trichlorofluoromethane	3.27	101	151301	22.278	ug/l	95
8) Diethyl Ether	3.71	74	40822	20.938	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93185	22.444	ug/l	98
10) Methyl Iodide	4.29	142	94893	20.024	ug/l	99
11) Tert butyl alcohol	5.24	59	25795	110.272	ug/l	96
12) 1,1-Dichloroethene	4.06	96	86757	21.818	ug/l	99
13) Acrolein	3.92	56	21305	74.049	ug/l	99
14) Allyl chloride	4.71	41	143359	21.693	ug/l	96
15) Acrylonitrile	5.42	53	90393	106.047	ug/l	99
16) Acetone	4.16	43	93684	97.872	ug/l	99
17) Carbon Disulfide	4.40	76	277746	21.755	ug/l	96
18) Methyl Acetate	4.72	43	46571	23.287	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	177471	20.183	ug/l	95
20) Methylene Chloride	4.96	84	109666	23.968	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	98300	21.850	ug/l	97
22) Diisopropyl ether	6.36	45	274775	22.043	ug/l	99
23) Vinyl Acetate	6.31	43	697545	100.396	ug/l	99
24) 1,1-Dichloroethane	6.26	63	171241	22.696	ug/l	97
25) 2-Butanone	7.22	43	112569	98.588	ug/l	94
26) 2,2-Dichloropropane	7.21	77	153154	22.646	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	103527	21.661	ug/l	99
28) Bromochloromethane	7.55	49	57617	20.145	ug/l	97
29) Tetrahydrofuran	7.57	42	70666	102.342	ug/l	97
30) Chloroform	7.71	83	171426	22.818	ug/l	98
31) Cyclohexane	7.98	56	161232	21.169	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	157870	22.559	ug/l	99
36) 1,1-Dichloropropene	8.11	75	136181	21.599	ug/l	99
37) Ethyl Acetate	7.30	43	54126	21.013	ug/l	97
38) Carbon Tetrachloride	8.10	117	143503	22.285	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065186.D
 Acq On : 14 Feb 2020 14:25
 Operator : VA/SY
 Sample : VD0214SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/17/2020 10:34:59 AM

Quant Time: Feb 15 00:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	155980	20.043	ug/l	100
40) Benzene	8.35	78	387563	22.260	ug/l	99
41) Methacrylonitrile	7.52	41	27477	19.363	ug/l	93
42) 1,2-Dichloroethane	8.43	62	107490	21.667	ug/l	97
43) Isopropyl Acetate	8.46	43	97968	19.883	ug/l	98
44) Trichloroethene	9.11	130	107485	21.507	ug/l	96
45) 1,2-Dichloropropane	9.39	63	95167	22.797	ug/l	99
46) Dibromomethane	9.48	93	48697	22.200	ug/l	96
47) Bromodichloromethane	9.66	83	128932	22.307	ug/l	98
48) Methyl methacrylate	9.46	41	45509	19.194	ug/l	95
49) 1,4-Dioxane	9.47	88	10678	410.985	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	244483	100.805	ug/l	99
52) Toluene	10.40	92	247979	22.315	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	118121	20.990	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	144977	21.540	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	66834	22.213	ug/l	95
56) Ethyl methacrylate	10.67	69	73579	19.327	ug/l	95
57) 1,3-Dichloropropane	10.95	76	112765	21.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	113046	78.896	ug/l	99
59) 2-Hexanone	10.99	43	173387	100.929	ug/l	99
60) Dibromochloromethane	11.14	129	85043	21.822	ug/l	99
61) 1,2-Dibromoethane	11.25	107	63087	21.458	ug/l	99
64) Tetrachloroethene	10.88	164	89727	20.446	ug/l	98
65) Chlorobenzene	11.67	112	259135	21.937	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	95278	21.854	ug/l	99
67) Ethyl Benzene	11.75	91	451680	21.046	ug/l	98
68) m/p-Xylenes	11.86	106	346749	42.332	ug/l	100
69) o-Xylene	12.18	106	149724	20.298	ug/l	98
70) Styrene	12.20	104	268703	20.959	ug/l	98
71) Bromoform	12.37	173	49941	21.282	ug/l #	100
73) Isopropylbenzene	12.48	105	411780	20.884	ug/l	100
74) N-amyl acetate	12.30	43	82693	19.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	70497	22.718	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	44457m	20.441	ug/l	
77) Bromobenzene	12.77	156	100160	21.084	ug/l	97
78) n-propylbenzene	12.83	91	508761	22.033	ug/l	99
79) 2-Chlorotoluene	12.91	91	279772	21.737	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	347400	21.537	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22417	20.613	ug/l	93
82) 4-Chlorotoluene	13.01	91	297185	21.985	ug/l	100
83) tert-Butylbenzene	13.23	119	280730	20.173	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	341883	21.349	ug/l	100
85) sec-Butylbenzene	13.41	105	406751	21.400	ug/l	100
86) p-Isopropyltoluene	13.53	119	375620	21.270	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	195740	22.007	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	192266	21.719	ug/l	100
89) n-Butylbenzene	13.85	91	344246	21.119	ug/l	100
90) Hexachloroethane	14.13	117	74535	22.289	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	164134	21.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10443	20.615	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021420\
Data File : VD065186.D
Acq On : 14 Feb 2020 14:25
Operator : VA/SY
Sample : VD0214SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

Manual Integrations
APPROVED

MMDadoda
2/17/2020 10:34:59 AM

Quant Time: Feb 15 00:36:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	107801	19.798	ug/l	98
94) Hexachlorobutadiene	15.28	225	67337	20.112	ug/l	98
95) Naphthalene	15.41	128	162658	17.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	92947	19.956	ug/l	99

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

