

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065235.D
 Acq On : 19 Feb 2020 13:29
 Operator : VA/SY
 Sample : VD0219SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 5:25:42 PM

Quant Time: Feb 20 04:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	473319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	699232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	638998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	221400	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	7.92	113	228932	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.34	98	901907	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.64	95	281476	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	74774	18.835	ug/l	97
3) Chloromethane	2.21	50	100991	19.986	ug/l	97
4) Vinyl Chloride	2.35	62	103430	20.130	ug/l	96
5) Bromomethane	2.76	94	63073	20.302	ug/l	92
6) Chloroethane	2.92	64	64159	20.456	ug/l	95
7) Trichlorofluoromethane	3.27	101	150432	20.449	ug/l	95
8) Diethyl Ether	3.70	74	43492	19.586	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	95383	20.532	ug/l	99
10) Methyl Iodide	4.29	142	91616	18.994	ug/l	98
11) Tert butyl alcohol	5.26	59	22728	89.325	ug/l	99
12) 1,1-Dichloroethene	4.06	96	88563	20.181	ug/l	97
13) Acrolein	3.93	56	41266	116.818	ug/l	96
14) Allyl chloride	4.71	41	146848	20.606	ug/l	98
15) Acrylonitrile	5.44	53	99826	101.542	ug/l	99
16) Acetone	4.17	43	93676	89.998	ug/l	100
17) Carbon Disulfide	4.40	76	304460	20.694	ug/l	99
18) Methyl Acetate	4.72	43	49642	21.205	ug/l	95
19) Methyl tert-butyl Ether	5.49	73	182503	19.943	ug/l	94
20) Methylene Chloride	4.97	84	110061	21.087	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	104633	20.974	ug/l	99
22) Diisopropyl ether	6.37	45	288121	20.973	ug/l	99
23) Vinyl Acetate	6.31	43	758207	100.111	ug/l	98
24) 1,1-Dichloroethane	6.27	63	175443	20.589	ug/l	98
25) 2-Butanone	7.22	43	121074	91.937	ug/l	98
26) 2,2-Dichloropropane	7.21	77	150946	20.417	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	105466	19.958	ug/l	98
28) Bromochloromethane	7.55	49	57596	18.219	ug/l	97
29) Tetrahydrofuran	7.57	42	79564	103.113	ug/l	97
30) Chloroform	7.71	83	177249	20.647	ug/l	94
31) Cyclohexane	7.99	56	168295	20.101	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	160366	20.878	ug/l	99
36) 1,1-Dichloropropene	8.11	75	140474	20.647	ug/l	100
37) Ethyl Acetate	7.30	43	55713	19.588	ug/l	99
38) Carbon Tetrachloride	8.10	117	144950	20.929	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065235.D
 Acq On : 19 Feb 2020 13:29
 Operator : VA/SY
 Sample : VD0219SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 5:25:42 PM

Quant Time: Feb 20 04:24:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	162843	20.359	ug/l	99
40) Benzene	8.36	78	404970	21.088	ug/l	100
41) Methacrylonitrile	7.53	41	35406	21.560	ug/l #	87
42) 1,2-Dichloroethane	8.43	62	108343	20.522	ug/l	100
43) Isopropyl Acetate	8.46	43	103781	20.065	ug/l	98
44) Trichloroethene	9.11	130	110505	20.759	ug/l	100
45) 1,2-Dichloropropane	9.39	63	97235	20.363	ug/l	97
46) Dibromomethane	9.48	93	51375	20.910	ug/l	100
47) Bromodichloromethane	9.67	83	133789	20.663	ug/l	97
48) Methyl methacrylate	9.46	41	49618	20.755	ug/l	98
49) 1,4-Dioxane	9.47	88	13152	456.414	ug/l	89
51) 4-Methyl-2-Pentanone	10.23	43	267726	101.914	ug/l	98
52) Toluene	10.41	92	257561	21.668	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	122816	20.464	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	148299	20.463	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	68647	19.851	ug/l	98
56) Ethyl methacrylate	10.67	69	78954	19.781	ug/l	98
57) 1,3-Dichloropropane	10.95	76	121184	20.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	113137	89.907	ug/l	100
59) 2-Hexanone	10.99	43	183219	97.431	ug/l	98
60) Dibromochloromethane	11.14	129	90512	20.449	ug/l	100
61) 1,2-Dibromoethane	11.25	107	67900	20.738	ug/l	98
64) Tetrachloroethene	10.88	164	94209	20.788	ug/l	95
65) Chlorobenzene	11.67	112	264095	20.595	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	98095	20.500	ug/l	99
67) Ethyl Benzene	11.75	91	464640	20.689	ug/l	98
68) m/p-Xylenes	11.86	106	361672	42.092	ug/l	100
69) o-Xylene	12.18	106	158976	20.884	ug/l	99
70) Styrene	12.20	104	282254	20.884	ug/l	99
71) Bromoform	12.37	173	53146	20.015	ug/l #	99
73) Isopropylbenzene	12.48	105	429737	21.312	ug/l	100
74) N-amyl acetate	12.30	43	90428	20.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	75200	20.664	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	49814m	19.223	ug/l	
77) Bromobenzene	12.77	156	106226	21.215	ug/l	99
78) n-propylbenzene	12.83	91	528115	21.794	ug/l	99
79) 2-Chlorotoluene	12.91	91	291351	21.463	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	358214	21.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	24599	20.496	ug/l	99
82) 4-Chlorotoluene	13.01	91	305350	21.188	ug/l	100
83) tert-Butylbenzene	13.23	119	293568	21.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	361270	21.733	ug/l	99
85) sec-Butylbenzene	13.41	105	432218	21.549	ug/l	100
86) p-Isopropyltoluene	13.53	119	388619	21.187	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	203806	21.054	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	198641	20.792	ug/l	99
89) n-Butylbenzene	13.85	91	358764	21.226	ug/l	99
90) Hexachloroethane	14.12	117	78139	20.981	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	173846	20.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11152	19.885	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021920\
Data File : VD065235.D
Acq On : 19 Feb 2020 13:29
Operator : VA/SY
Sample : VD0219SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBSD01

Manual Integrations
APPROVED

MMDadoda
2/21/2020 5:25:42 PM

Quant Time: Feb 20 04:24:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113488	20.875	ug/l	98
94) Hexachlorobutadiene	15.28	225	72631	20.826	ug/l	99
95) Naphthalene	15.41	128	177409	20.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	99643	20.985	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021920\
Data File : VD065235.D
Acq On : 19 Feb 2020 13:29
Operator : VA/SY
Sample : VD0219SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBS01

Manual Integrations
APPROVED

MMDadoda
2/21/2020 5:25:42 PM

Quant Time: Feb 20 04:24:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

