

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061060.D
 Acq On : 14 Mar 2019 13:07
 Operator : VA/AP
 Sample : VD0314SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 02:10:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	725754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1267327	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1033065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	445450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	303565	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	6.93	113	500635	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
50) Toluene-d8	10.41	98	1226480	51.93	ug/l	0.01
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	13.55	95	435424	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	145208	20.199	ug/l	99
3) Chloromethane	1.76	50	126203	21.073	ug/l	98
4) Vinyl Chloride	1.86	62	116268	21.011	ug/l	100
5) Bromomethane	2.15	94	18540	16.260	ug/l	97
6) Chloroethane	2.26	64	33713	20.354	ug/l #	85
7) Trichlorofluoromethane	2.54	101	137862	17.342	ug/l	97
8) Diethyl Ether	2.88	74	52705	20.097	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.16	101	185439	20.865	ug/l	98
10) Methyl Iodide	3.32	142	209642	19.057	ug/l	99
11) Tert butyl alcohol	4.06	59	32635	84.857	ug/l	99
12) 1,1-Dichloroethene	3.13	96	149442	20.513	ug/l	97
13) Acrolein	3.04	56	40701	73.143	ug/l	93
14) Allyl chloride	3.62	41	245042	21.023	ug/l	98
15) Acrylonitrile	4.20	53	140935	103.686	ug/l	95
16) Acetone	3.23	43	171430	99.236	ug/l	100
17) Carbon Disulfide	3.38	76	441716	17.974	ug/l	100
18) Methyl Acetate	3.64	43	62889	18.498	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	273045	21.386	ug/l	98
20) Methylene Chloride	3.82	84	188361	21.230	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	172010	21.814	ug/l	96
22) Diisopropyl ether	5.13	45	501109	20.710	ug/l	96
23) Vinyl Acetate	5.06	43	1252858	100.863	ug/l	99
24) 1,1-Dichloroethane	4.99	63	272375	20.545	ug/l	100
25) 2-Butanone	6.07	43	200561	102.315	ug/l	100
26) 2,2-Dichloropropane	6.03	77	212258	20.509	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	175904	21.026	ug/l	95
28) Bromochloromethane	6.45	49	106748	19.020	ug/l	96
29) Tetrahydrofuran	6.46	42	102996	96.764	ug/l	99
30) Chloroform	6.66	83	290802	21.164	ug/l	99
31) Cyclohexane	6.96	56	232913	21.788	ug/l	93
32) 1,1,1-Trichloroethane	6.87	97	233711	19.674	ug/l	98
36) 1,1-Dichloropropene	7.15	75	214760	19.659	ug/l	98
37) Ethyl Acetate	6.18	43	87879	17.143	ug/l	99
38) Carbon Tetrachloride	7.12	117	230215	19.131	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061060.D
 Acq On : 14 Mar 2019 13:07
 Operator : VA/AP
 Sample : VD0314SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBS01

Quant Time: Mar 15 02:10:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	231922	20.474	ug/l	98
40) Benzene	7.46	78	542296	19.867	ug/l	98
41) Methacrylonitrile	6.45	41	110652	18.766	ug/l	95
42) 1,2-Dichloroethane	7.59	62	145748	18.399	ug/l	99
43) Isopropyl Acetate	9.24	43	124801	17.577	ug/l #	98
44) Trichloroethene	8.54	130	188537	20.020	ug/l	99
45) 1,2-Dichloropropane	8.94	63	144120	20.096	ug/l	94
46) Dibromomethane	9.06	93	87249	19.180	ug/l	96
47) Bromodichloromethane	9.38	83	190659	18.573	ug/l	98
48) Methyl methacrylate	9.11	41	68855	17.224	ug/l	94
49) 1,4-Dioxane	9.07	88	13005	321.720	ug/l	93
51) 4-Methyl-2-Pentanone	10.30	43	417527	95.989	ug/l	97
52) Toluene	10.51	92	340849	20.080	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	178950	19.065	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	227682	20.188	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	104345	18.459	ug/l	99
56) Ethyl methacrylate	11.04	69	116747	19.731	ug/l	98
57) 1,3-Dichloropropane	11.41	76	162173	19.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	283265	90.445	ug/l	98
59) 2-Hexanone	11.53	43	321286	100.976	ug/l	98
60) Dibromochloromethane	11.68	129	163810	19.690	ug/l	99
61) 1,2-Dibromoethane	11.80	107	125730	19.120	ug/l	100
64) Tetrachloroethene	11.26	164	145315	20.838	ug/l	97
65) Chlorobenzene	12.40	112	428246	21.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	143616	19.894	ug/l	96
67) Ethyl Benzene	12.52	91	589344	19.546	ug/l	98
68) m/p-Xylenes	12.67	106	491855	41.563	ug/l	99
69) o-Xylene	13.05	106	240502	20.675	ug/l	100
70) Styrene	13.07	104	371590	19.563	ug/l	98
71) Bromoform	13.24	173	90541	19.442	ug/l	99
73) Isopropylbenzene	13.41	105	669722	20.862	ug/l	100
74) N-amyl acetate	13.27	43	156692	17.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	120138	19.181	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	127411	19.881	ug/l	97
77) Bromobenzene	13.67	156	175765	21.448	ug/l	97
78) n-propylbenzene	13.77	91	754582	20.078	ug/l	99
79) 2-Chlorotoluene	13.84	91	435630	21.054	ug/l	97
80) 1,3,5-Trimethylbenzene	14.23	105	529795	21.739	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	32482	17.192	ug/l	89
82) 4-Chlorotoluene	13.95	91	505173	20.653	ug/l	99
83) tert-Butylbenzene	14.18	119	583680	21.884	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	529795	21.739	ug/l	99
85) sec-Butylbenzene	14.37	105	625321	19.205	ug/l	99
86) p-Isopropyltoluene	14.49	119	558463	20.983	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	308243	21.065	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	303614	21.114	ug/l	99
89) n-Butylbenzene	14.79	91	537319	21.023	ug/l	99
90) Hexachloroethane	15.01	117	145863	19.409	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	264375	21.672	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14119	18.706	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
Data File : VD061060.D
Acq On : 14 Mar 2019 13:07
Operator : VA/AP
Sample : VD0314SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Quant Time: Mar 15 02:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	116454	20.578	ug/l	96
94) Hexachlorobutadiene	16.03	225	87086	20.345	ug/l	99
95) Naphthalene	16.12	128	181124	21.062	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	55173	19.739	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
Data File : VD061060.D
Acq On : 14 Mar 2019 13:07
Operator : VA/AP
Sample : VD0314SBS01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBS01

Quant Time: Mar 15 02:10:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

