

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063396.D
 Acq On : 6 Aug 2019 13:57
 Operator : JC/SY
 Sample : VD0806SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Quant Time: Aug 07 06:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1087475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1520853	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1207717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	682751	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	602971	49.97	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	6.93	113	705338	54.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.41	98	1589916	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	13.55	95	635605	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	249861	18.797	ug/l	99
3) Chloromethane	1.74	50	206495	19.994	ug/l	91
4) Vinyl Chloride	1.85	62	199260	18.637	ug/l	94
5) Bromomethane	2.14	94	89123	16.528	ug/l	93
6) Chloroethane	2.25	64	99824	20.223	ug/l	96
7) Trichlorofluoromethane	2.53	101	380960	18.367	ug/l	96
8) Diethyl Ether	2.87	74	49356	17.002	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.15	101	221116	19.245	ug/l	96
10) Methyl Iodide	3.30	142	283553	17.084	ug/l	95
11) Tert butyl alcohol	4.08	59	40080	75.688	ug/l	99
12) 1,1-Dichloroethene	3.12	96	157742	18.701	ug/l	92
13) Acrolein	3.04	56	32774	64.309	ug/l	97
14) Allyl chloride	3.62	41	251470	18.715	ug/l	95
15) Acrylonitrile	4.19	53	134104	97.681	ug/l	95
16) Acetone	3.23	43	218538	92.954	ug/l	98
17) Carbon Disulfide	3.36	76	535412	18.964	ug/l	96
18) Methyl Acetate	3.64	43	92877	20.566	ug/l	96
19) Methyl tert-butyl Ether	4.25	73	369079	19.371	ug/l	100
20) Methylene Chloride	3.81	84	195269	20.548	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	190899	20.171	ug/l	93
22) Diisopropyl ether	5.13	45	533215	19.862	ug/l	97
23) Vinyl Acetate	5.06	43	1606238	97.335	ug/l	98
24) 1,1-Dichloroethane	4.98	63	335862	19.586	ug/l #	97
25) 2-Butanone	6.08	43	225996	95.783	ug/l	93
26) 2,2-Dichloropropane	6.02	77	335645	18.994	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	202951	20.001	ug/l	97
28) Bromochloromethane	6.44	49	131743	19.283	ug/l	94
29) Tetrahydrofuran	6.47	42	105638	94.566	ug/l	97
30) Chloroform	6.67	83	404929	19.028	ug/l	90
31) Cyclohexane	6.96	56	218381	20.318	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	409123	19.876	ug/l	94
36) 1,1-Dichloropropene	7.14	75	280846	20.234	ug/l	98
37) Ethyl Acetate	6.19	43	105533	16.924	ug/l #	94
38) Carbon Tetrachloride	7.11	117	385815	18.464	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063396.D
 Acq On : 6 Aug 2019 13:57
 Operator : JC/SY
 Sample : VD0806SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0806SBS01

Quant Time: Aug 07 06:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	216019	18.680	ug/l	94
40) Benzene	7.46	78	568429	19.541	ug/l	96
41) Methacrylonitrile	6.46	41	136313	18.275	ug/l #	82
42) 1,2-Dichloroethane	7.58	62	277691	18.012	ug/l	97
43) Isopropyl Acetate	9.24	43	161019	20.215	ug/l #	94
44) Trichloroethene	8.54	130	237333	20.135	ug/l	97
45) 1,2-Dichloropropane	8.95	63	147285	19.920	ug/l	98
46) Dibromomethane	9.06	93	114011	18.545	ug/l	82
47) Bromodichloromethane	9.38	83	294298	18.779	ug/l	99
48) Methyl methacrylate	9.12	41	92060	17.820	ug/l	95
49) 1,4-Dioxane	9.08	88	17495	397.297	ug/l	91
51) 4-Methyl-2-Pentanone	10.30	43	499717	92.248	ug/l	94
52) Toluene	10.51	92	383856	19.840	ug/l	93
53) t-1,3-Dichloropropene	10.91	75	241902	17.904	ug/l	96
54) cis-1,3-Dichloropropene	10.04	75	280667	19.766	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	131304	20.095	ug/l	93
56) Ethyl methacrylate	11.04	69	137279	19.186	ug/l	96
57) 1,3-Dichloropropane	11.41	76	184238	17.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	371077	99.668	ug/l	100
59) 2-Hexanone	11.54	43	361364	92.568	ug/l	91
60) Dibromochloromethane	11.69	129	232331	18.834	ug/l	99
61) 1,2-Dibromoethane	11.81	107	154610	19.176	ug/l	94
64) Tetrachloroethene	11.26	164	201013	20.892	ug/l	97
65) Chlorobenzene	12.40	112	436320	18.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	193012	18.863	ug/l	95
67) Ethyl Benzene	12.53	91	763376	19.344	ug/l	98
68) m/p-Xylenes	12.67	106	614002	42.427	ug/l	97
69) o-Xylene	13.05	106	273631	20.590	ug/l	97
70) Styrene	13.07	104	501804	21.291	ug/l	98
71) Bromoform	13.24	173	150489	20.224	ug/l	99
73) Isopropylbenzene	13.41	105	845839	19.739	ug/l	96
74) N-amyl acetate	13.27	43	224199	19.791	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	144210	19.812	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	162305	19.792	ug/l	99
77) Bromobenzene	13.67	156	242567	19.871	ug/l	92
78) n-propylbenzene	13.78	91	1025368	20.107	ug/l	99
79) 2-Chlorotoluene	13.84	91	577522	19.545	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	751373	20.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	40151	17.632	ug/l	96
82) 4-Chlorotoluene	13.95	91	682583	19.629	ug/l	94
83) tert-Butylbenzene	14.19	119	864530	20.486	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	749173	19.597	ug/l	98
85) sec-Butylbenzene	14.37	105	861395	19.374	ug/l	99
86) p-Isopropyltoluene	14.49	119	838690	19.763	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	418420	19.355	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	424820	19.433	ug/l	95
89) n-Butylbenzene	14.80	91	750621	20.480	ug/l	98
90) Hexachloroethane	15.01	117	202741	18.337	ug/l	95
91) 1,2-Dichlorobenzene	14.81	146	373571	19.834	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25093	16.924	ug/l	62

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080619\
Data File : VD063396.D
Acq On : 6 Aug 2019 13:57
Operator : JC/SY
Sample : VD0806SBSD01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Quant Time: Aug 07 06:41:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	263379	17.627	ug/l	99
94) Hexachlorobutadiene	16.03	225	209438	19.342	ug/l	95
95) Naphthalene	16.12	128	381002	18.041	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	222364	18.838	ug/l	93

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

