

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062657.D
 Acq On : 10 Jun 2019 16:54
 Operator : VA/AP
 Sample : K3273-18
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 1.0-1.5 060719

Quant Time: Jun 11 03:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	12771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	17321	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	15995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	7976	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	10517	57.07	ug/l	0.00
Spiked Amount			Recovery	=	114.14%	
35) Dibromofluoromethane	6.91	113	8594	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
50) Toluene-d8	10.41	98	13903	36.18	ug/l	0.00
Spiked Amount			Recovery	=	72.36%	
62) 4-Bromofluorobenzene	13.55	95	6796	37.91	ug/l	0.00
Spiked Amount			Recovery	=	75.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	876	6.932	ug/l #	59
5) Bromomethane	2.12	94	865	13.151	ug/l #	11
6) Chloroethane	2.25	64	295	4.586	ug/l #	1
10) Methyl Iodide	3.34	142	2760	15.127	ug/l #	58
12) 1,1-Dichloroethene	2.99	96	187	1.657	ug/l #	1
16) Acetone	3.21	43	1054	31.234	ug/l #	66
18) Methyl Acetate	3.65	43	481	8.673	ug/l #	64
20) Methylene Chloride	3.90	84	185	1.018	ug/l #	3
23) Vinyl Acetate	4.96	43	317	1.418	ug/l #	81
25) 2-Butanone	6.14	43	186	5.650	ug/l #	61
37) Ethyl Acetate	6.17	43	250	4.088	ug/l #	74
38) Carbon Tetrachloride	7.04	117	903	2.882	ug/l #	14
41) Methacrylonitrile	6.48	41	194	1.869	ug/l #	34
43) Isopropyl Acetate	8.87	43	217	2.075	ug/l #	52
51) 4-Methyl-2-Pentanone	10.15	43	182	2.487	ug/l #	42
55) 1,1,2-Trichloroethane	11.23	97	187	2.095	ug/l #	17
59) 2-Hexanone	11.53	43	279	5.125	ug/l #	32
67) Ethyl Benzene	12.66	91	2676	4.266	ug/l	97
68) m/p-Xylenes	12.67	106	1042	4.725	ug/l #	70
71) Bromoform	13.30	173	189	4.209	ug/l #	38
73) Isopropylbenzene	13.40	105	614	1.092	ug/l #	54
74) N-amyl acetate	13.20	43	293	1.928	ug/l #	52
77) Bromobenzene	13.54	156	204	1.270	ug/l #	1
78) n-propylbenzene	13.78	91	1105	1.606	ug/l #	57
79) 2-Chlorotoluene	13.84	91	431	1.070	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.93	105	1153	2.321	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.55	75	2806	84.571	ug/l #	1
82) 4-Chlorotoluene	13.94	91	859	1.783	ug/l #	43
84) 1,2,4-Trimethylbenzene	14.24	105	2690	5.468	ug/l	87
85) sec-Butylbenzene	14.36	105	1038	1.806	ug/l #	60
87) 1,3-Dichlorobenzene	14.45	146	501	1.721	ug/l #	62
88) 1,4-Dichlorobenzene	14.53	146	331	1.203	ug/l #	25
89) n-Butylbenzene	14.79	91	1991	3.956	ug/l #	81
90) Hexachloroethane	14.99	117	190	1.286	ug/l #	8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	279	4.830	ug/l #	63
95) Naphthalene	16.12	128	2374	11.087	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.28	180	246	1.765	ug/l #	1

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

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