

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061361.D
 Acq On : 27 Mar 2019 18:52
 Operator : VA/AP
 Sample : K2086-04
 Misc : 9.79g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-14

Quant Time: Mar 28 04:27:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	6519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	11028	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	10145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	3980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	2784	49.99	ug/l	-0.02
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	6.89	113	3988	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.39	98	9063	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	13.54	95	3990	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.43	142	178	4.803	ug/l #	38
16) Acetone	3.19	43	1044	72.928	ug/l #	48
17) Carbon Disulfide	3.35	76	667	2.934	ug/l #	75
20) Methylene Chloride	3.80	84	517	4.708	ug/l #	9
40) Benzene	7.43	78	951	3.937	ug/l #	54
52) Toluene	10.50	92	208	1.411	ug/l #	49
59) 2-Hexanone	11.51	43	240	9.091	ug/l #	26
64) Tetrachloroethene	11.23	164	227	2.851	ug/l #	22
65) Chlorobenzene	12.38	112	1845	8.899	ug/l #	41
67) Ethyl Benzene	12.51	91	1618	5.113	ug/l	96
68) m/p-Xylenes	12.66	106	1429	11.921	ug/l	74
69) o-Xylene	13.05	106	204	1.754	ug/l #	30
70) Styrene	13.06	104	1136	5.602	ug/l	93
73) Isopropylbenzene	13.39	105	2266	8.180	ug/l	93
77) Bromobenzene	13.66	156	555	6.758	ug/l	83
78) n-propylbenzene	13.77	91	2850	8.407	ug/l	98
79) 2-Chlorotoluene	13.93	91	1335	7.253	ug/l	86
80) 1,3,5-Trimethylbenzene	14.23	105	1571	6.752	ug/l	76
81) trans-1,4-Dichloro-2-buten	13.54	75	1338	76.329	ug/l #	18
82) 4-Chlorotoluene	13.93	91	1335	6.670	ug/l	86
83) tert-Butylbenzene	14.18	119	1572	5.853	ug/l #	81
84) 1,2,4-Trimethylbenzene	14.23	105	1571	6.752	ug/l	76
85) sec-Butylbenzene	14.36	105	2214	7.759	ug/l #	60
86) p-Isopropyltoluene	14.48	119	2050	8.496	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	1452	10.441	ug/l	86
88) 1,4-Dichlorobenzene	14.52	146	1361	10.036	ug/l	87
89) n-Butylbenzene	14.79	91	2006	9.058	ug/l	94
91) 1,2-Dichlorobenzene	14.80	146	1203	10.547	ug/l	92
93) 1,2,4-Trichlorobenzene	15.93	180	1198	23.056	ug/l #	60
94) Hexachlorobutadiene	16.03	225	261	6.428	ug/l #	46
95) Naphthalene	16.12	128	2198	27.752	ug/l #	74
96) 1,2,3-Trichlorobenzene	16.26	180	583	25.497	ug/l #	84

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

