

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062653.D
 Acq On : 10 Jun 2019 15:06
 Operator : VA/AP
 Sample : K3265-03RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-04-2.5-3.0RE

Quant Time: Jun 11 03:56:57 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	7.03	168	7197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	7974	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	7838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3432	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	4268	41.10	ug/l	-0.01
Spiked Amount			Recovery	=	82.20%	
35) Dibromofluoromethane	6.89	113	3683	43.79	ug/l	-0.02
Spiked Amount			Recovery	=	87.58%	
50) Toluene-d8	10.41	98	6488	36.67	ug/l	0.00
Spiked Amount			Recovery	=	73.34%	
62) 4-Bromofluorobenzene	13.56	95	2788	33.78	ug/l	0.00
Spiked Amount			Recovery	=	67.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	300	4.213	ug/l #	42
5) Bromomethane	2.18	94	1817	49.020	ug/l #	11
6) Chloroethane	2.40	64	291	8.027	ug/l #	47
10) Methyl Iodide	3.30	142	432	7.097	ug/l #	24
16) Acetone	3.19	43	295	15.512	ug/l #	66
18) Methyl Acetate	3.62	43	193	6.175	ug/l #	64
22) Diisopropyl ether	5.19	45	307	1.512	ug/l #	83
25) 2-Butanone	6.04	43	258	13.906	ug/l #	61
29) Tetrahydrofuran	6.44	42	182	21.784	ug/l #	33
36) 1,1-Dichloropropene	7.19	75	204	2.235	ug/l #	44
37) Ethyl Acetate	6.04	43	258	7.672	ug/l #	74
38) Carbon Tetrachloride	7.02	117	814	5.643	ug/l #	14
43) Isopropyl Acetate	9.57	43	212	4.403	ug/l #	52
51) 4-Methyl-2-Pentanone	10.17	43	217	6.440	ug/l #	42
55) 1,1,2-Trichloroethane	11.21	97	265	6.450	ug/l #	17
67) Ethyl Benzene	12.52	91	1524	4.958	ug/l #	25
68) m/p-Xylenes	12.66	106	663	6.135	ug/l #	42
74) N-amyl acetate	13.05	43	184	2.814	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	13.73	83	192	4.639	ug/l #	27
78) n-propylbenzene	13.78	91	556	1.878	ug/l #	57
79) 2-Chlorotoluene	13.78	91	556	3.207	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.87	105	244	1.141	ug/l #	32
81) trans-1,4-Dichloro-2-buten	13.55	75	869	61.960	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	1022	4.828	ug/l #	26
85) sec-Butylbenzene	14.24	105	1022	4.133	ug/l #	60
87) 1,3-Dichlorobenzene	14.54	146	178	1.421	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	178	1.504	ug/l #	25
95) Naphthalene	16.13	128	1419	14.058	ug/l #	71

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

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