

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063509.D
 Acq On : 13 Aug 2019 2:52
 Operator : JC/SY
 Sample : K4223-16RE
 Misc : 4.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-8RE

Quant Time: Aug 13 09:12:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	15093	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.23	114	29779	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	20987	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	8665	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	14635	90.71	ug/l	-0.01
Spiked Amount			Recovery	=	181.42%	
35) Dibromofluoromethane	6.93	113	8445	33.67	ug/l	-0.01
Spiked Amount			Recovery	=	67.34%	
50) Toluene-d8	10.41	98	21634	39.23	ug/l	-0.01
Spiked Amount			Recovery	=	78.46%	
62) 4-Bromofluorobenzene	13.55	95	8505	34.03	ug/l	-0.01
Spiked Amount			Recovery	=	68.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	643	4.507	ug/l #	41
5) Bromomethane	2.15	94	830	12.420	ug/l #	11
6) Chloroethane	2.30	64	404	6.238	ug/l #	42
8) Diethyl Ether	2.79	74	181	4.615	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.13	101	216	1.317	ug/l #	20
10) Methyl Iodide	3.34	142	2635	11.353	ug/l #	29
11) Tert butyl alcohol	3.95	59	215	30.613	ug/l #	71
12) 1,1-Dichloroethene	3.09	96	691	5.666	ug/l #	1
13) Acrolein	3.00	56	233	33.705	ug/l #	1
14) Allyl chloride	3.62	41	229	1.249	ug/l #	8
16) Acetone	3.21	43	4324	131.846	ug/l #	65
18) Methyl Acetate	3.65	43	5154	82.969	ug/l #	79
20) Methylene Chloride	3.83	84	677	4.774	ug/l #	55
23) Vinyl Acetate	4.99	43	256	1.164	ug/l #	82
29) Tetrahydrofuran	6.47	42	904	59.895	ug/l #	35
31) Cyclohexane	7.05	56	258	1.771	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	1462	5.554	ug/l #	42
37) Ethyl Acetate	6.26	43	198	1.795	ug/l #	73
38) Carbon Tetrachloride	7.04	117	1082	2.727	ug/l #	13
41) Methacrylonitrile	6.53	41	318	2.290	ug/l #	37
43) Isopropyl Acetate	9.24	43	242	1.638	ug/l #	48
48) Methyl methacrylate	9.22	41	185	1.846	ug/l #	18
51) 4-Methyl-2-Pentanone	10.41	43	218	2.156	ug/l #	40
52) Toluene	10.50	92	589	1.578	ug/l #	44
59) 2-Hexanone	11.61	43	194	2.637	ug/l #	30
74) N-amyl acetate	13.28	43	201	1.453	ug/l #	53
79) 2-Chlorotoluene	13.78	91	577	1.552	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	3318	124.138	ug/l #	1
87) 1,3-Dichlorobenzene	14.45	146	538	1.975	ug/l #	23
88) 1,4-Dichlorobenzene	14.54	146	886	3.389	ug/l #	25
91) 1,2-Dichlorobenzene	14.81	146	364	1.575	ug/l #	34
94) Hexachlorobutadiene	16.04	225	178	1.373	ug/l #	19
95) Naphthalene	16.13	128	1409	5.466	ug/l #	71

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

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