

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064625.D
 Acq On : 27 Dec 2019 04:56
 Operator : VA/SY
 Sample : K6439-05
 Misc : 4.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF002-01

Quant Time: Dec 27 06:21:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	10700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	15738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	14795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	7368	78.09	ug/l	0.00
Spiked Amount			Recovery	=	156.18%	
35) Dibromofluoromethane	7.92	113	5491	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
50) Toluene-d8	10.34	98	18214	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.64	95	5922	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	84	1.010	ug/l #	43
3) Chloromethane	2.21	50	237	2.038	ug/l #	42
5) Bromomethane	2.79	94	653	6.334	ug/l #	63
10) Methyl Iodide	4.31	142	769	7.240	ug/l #	59
15) Acrylonitrile	5.69	53	125	6.330	ug/l #	17
16) Acetone	4.18	43	765	38.492	ug/l #	42
18) Methyl Acetate	4.71	43	65	1.224	ug/l #	51
20) Methylene Chloride	4.98	84	66	Below Cal	#	7
25) 2-Butanone	7.26	43	263	10.141	ug/l #	49
29) Tetrahydrofuran	7.56	42	67	4.154	ug/l #	37
30) Chloroform	7.71	83	459	2.489	ug/l #	18
31) Cyclohexane	7.99	56	405	2.302	ug/l #	16
37) Ethyl Acetate	7.33	43	62	1.042	ug/l #	70
40) Benzene	8.37	78	527	1.274	ug/l #	1
41) Methacrylonitrile	7.57	41	53	1.535	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	81	1.384	ug/l #	37
58) 2-Chloroethyl Vinyl ether	9.76	63	67	1.898	ug/l #	45
59) 2-Hexanone	10.98	43	76	1.913	ug/l #	26
60) Dibromochloromethane	10.88	129	217	2.115	ug/l #	11
64) Tetrachloroethene	10.88	164	144	1.269	ug/l #	25
65) Chlorobenzene	11.67	112	332	1.081	ug/l #	44
67) Ethyl Benzene	11.75	91	734	1.317	ug/l #	44
73) Isopropylbenzene	12.48	105	766	1.381	ug/l #	71
76) 1,2,3-Trichloropropane	12.64	75	3084	50.322	ug/l #	100
77) Bromobenzene	12.77	156	149	1.093	ug/l #	3
78) n-propylbenzene	12.83	91	664	1.026	ug/l #	51
81) trans-1,4-Dichloro-2-buten	12.64	75	3084	105.246	ug/l #	10
82) 4-Chlorotoluene	13.01	91	448	1.184	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.27	105	534	1.177	ug/l	77
85) sec-Butylbenzene	13.40	105	698	1.287	ug/l	84
87) 1,3-Dichlorobenzene	13.60	146	371	1.428	ug/l	83
88) 1,4-Dichlorobenzene	13.60	146	371	1.454	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.67	75	55	3.894	ug/l #	1
95) Naphthalene	15.41	128	636	2.465	ug/l #	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.59	180	283	2.032	ug/l #	28

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

