

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064515.D
 Acq On : 13 Dec 2019 19:14
 Operator : VA/SY
 Sample : K6292-01
 Misc : 5.8G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11999

Quant Time: Dec 13 22:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	7314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	11489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	11208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	6198	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	2226	33.62	ug/l	-0.01
Spiked Amount			Recovery	=	67.24%	
35) Dibromofluoromethane	7.93	113	3727	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.34	98	12665	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.64	95	5360	61.17	ug/l	0.00
Spiked Amount			Recovery	=	122.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	482	5.766	ug/l #	41
5) Bromomethane	2.80	94	813	11.391	ug/l #	71
6) Chloroethane	2.96	64	212	3.286	ug/l #	44
10) Methyl Iodide	4.30	142	478	6.580	ug/l #	40
12) 1,1-Dichloroethene	4.07	96	75	1.138	ug/l #	1
13) Acrolein	3.80	56	61	10.612	ug/l #	14
14) Allyl chloride	4.71	41	216	2.099	ug/l #	67
16) Acetone	4.16	43	807	60.322	ug/l #	47
17) Carbon Disulfide	4.41	76	558	2.672	ug/l #	73
18) Methyl Acetate	4.71	43	55	1.409	ug/l #	51
20) Methylene Chloride	4.97	84	1395	17.645	ug/l #	55
23) Vinyl Acetate	6.37	43	127	1.061	ug/l #	71
25) 2-Butanone	7.21	43	220	11.628	ug/l #	49
29) Tetrahydrofuran	7.56	42	113	9.388	ug/l #	33
30) Chloroform	7.71	83	313	2.474	ug/l	85
31) Cyclohexane	7.98	56	86	Below Cal	#	15
37) Ethyl Acetate	7.30	43	78	1.692	ug/l #	69
38) Carbon Tetrachloride	7.99	117	703	6.129	ug/l #	11
41) Methacrylonitrile	7.54	41	59	2.231	ug/l #	29
48) Methyl methacrylate	9.47	41	116	2.796	ug/l #	40
51) 4-Methyl-2-Pentanone	10.25	43	64	1.427	ug/l #	37
55) 1,1,2-Trichloroethane	10.80	97	69	1.237	ug/l #	15
59) 2-Hexanone	10.97	43	277	8.899	ug/l #	26
67) Ethyl Benzene	11.74	91	706	1.697	ug/l #	84
68) m/p-Xylenes	11.84	106	390	2.459	ug/l #	43
73) Isopropylbenzene	12.49	105	478	1.072	ug/l	76
74) N-amyl acetate	12.28	43	205	2.026	ug/l #	33
76) 1,2,3-Trichloropropane	12.64	75	2653	52.050	ug/l #	100
78) n-propylbenzene	12.83	91	850	1.653	ug/l #	66
80) 1,3,5-Trimethylbenzene	12.97	105	718	1.971	ug/l	66
81) trans-1,4-Dichloro-2-buten	12.64	75	2653	113.496	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.27	105	1456	3.975	ug/l #	63
87) 1,3-Dichlorobenzene	13.60	146	238	1.139	ug/l	89
88) 1,4-Dichlorobenzene	13.60	146	238	1.154	ug/l	89

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89) n-Butylbenzene	13.84	91	710	1.905	ug/l #	49
90) Hexachloroethane	14.23	117	160	2.085	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	211	1.182	ug/l #	67
92) 1,2-Dibromo-3-Chloropropan	14.66	75	74	2.562	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.18	180	156	1.141	ug/l #	41
95) Naphthalene	15.41	128	1300	5.696	ug/l #	75

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

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