

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064523.D
 Acq On : 16 Dec 2019 15:06
 Operator : VA/SY
 Sample : K6325-04
 Misc : 6.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Quant Time: Dec 17 01:53:58 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	7.98	168	10290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	15124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	16297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7856	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	6668	71.59	ug/l	0.00
Spiked Amount			Recovery	=	143.18%	
35) Dibromofluoromethane	7.92	113	4965	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	18188	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	7225	62.63	ug/l	0.00
Spiked Amount			Recovery	=	125.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	944	8.027	ug/l #	52
4) Vinyl Chloride	2.34	62	138	1.016	ug/l #	26
5) Bromomethane	2.80	94	709	7.061	ug/l #	77
6) Chloroethane	2.93	64	100	1.102	ug/l #	44
10) Methyl Iodide	4.32	142	652	6.379	ug/l #	57
11) Tert butyl alcohol	5.08	59	55	9.277	ug/l #	100
15) Acrylonitrile	5.44	53	72	3.510	ug/l #	77
16) Acetone	4.16	43	811	43.089	ug/l #	87
18) Methyl Acetate	4.72	43	60	1.093	ug/l #	51
20) Methylene Chloride	4.99	84	54	Below Cal	#	5
25) 2-Butanone	7.25	43	120	4.508	ug/l #	49
29) Tetrahydrofuran	7.83	42	64	3.779	ug/l #	33
31) Cyclohexane	7.98	56	375	Below Cal	#	15
36) 1,1-Dichloropropene	8.11	75	202	1.412	ug/l #	40
37) Ethyl Acetate	7.27	43	73	1.203	ug/l #	69
38) Carbon Tetrachloride	7.97	117	909	6.021	ug/l #	11
40) Benzene	8.34	78	548	1.379	ug/l #	51
41) Methacrylonitrile	7.53	41	233	6.693	ug/l #	26
44) Trichloroethene	9.10	130	134	1.120	ug/l	3
46) Dibromomethane	9.71	93	56	1.044	ug/l #	12
51) 4-Methyl-2-Pentanone	10.22	43	169	2.862	ug/l #	37
52) Toluene	10.40	92	627	2.421	ug/l	85
59) 2-Hexanone	10.98	43	347	8.468	ug/l	94
67) Ethyl Benzene	11.74	91	3103	5.131	ug/l #	84
68) m/p-Xylenes	11.85	106	2337	10.135	ug/l	95
69) o-Xylene	12.18	106	899	4.221	ug/l	87
70) Styrene	12.20	104	1204	3.253	ug/l #	79
73) Isopropylbenzene	12.49	105	1990	3.522	ug/l	80
74) N-amyl acetate	12.28	43	301	2.347	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.74	83	160	1.712	ug/l #	1
76) 1,2,3-Trichloropropane	12.76	75	198	3.065	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.96	105	5325	11.533	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.64	75	4253	143.545	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.27	105	11115	23.940	ug/l	99

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85) sec-Butylbenzene	13.41	105	583	1.058	ug/l #	55
86) p-Isopropyltoluene	13.52	119	1193	2.294	ug/l #	60
87) 1,3-Dichlorobenzene	13.53	146	345	1.303	ug/l #	3
88) 1,4-Dichlorobenzene	13.60	146	334	1.277	ug/l #	55
89) n-Butylbenzene	13.85	91	1028	2.176	ug/l #	71
90) Hexachloroethane	14.08	117	481	4.944	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	304	1.343	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.53	75	973	71.585	ug/l #	1
95) Naphthalene	15.41	128	931749	3221.131	ug/l	99

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

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