

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001340.D
 Acq On : 22 Jan 2020 18:43
 Operator : SY/MD
 Sample : L1215-02
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200031

Quant Time: Jan 23 02:11:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	3424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	6950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	7054	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	3194	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	3162	84.87	ug/l	0.00
Spiked Amount			Recovery	=	169.74%	
35) Dibromofluoromethane	7.76	113	1954	47.90	ug/l	0.01
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.20	98	8394	52.97	ug/l	0.01
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.49	95	3651	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	278	6.812	ug/l #	43
5) Bromomethane	2.69	94	170	5.932	ug/l	98
6) Chloroethane	2.81	64	64	2.354	ug/l #	41
10) Methyl Iodide	4.15	142	251	5.489	ug/l #	79
13) Acrolein	3.69	56	26	Below Cal	#	15
16) Acetone	3.99	43	173	10.361	ug/l #	43
20) Methylene Chloride	4.77	84	149	Below Cal	#	19
25) 2-Butanone	6.80	43	45	2.775	ug/l #	49
36) 1,1-Dichloropropene	7.82	75	237	3.609	ug/l #	41
38) Carbon Tetrachloride	7.82	117	356	6.084	ug/l #	12
48) Methyl methacrylate	9.30	41	46	1.297	ug/l #	12
51) 4-Methyl-2-Pentanone	10.11	43	73	1.817	ug/l #	36
52) Toluene	10.27	92	251	2.011	ug/l #	59
59) 2-Hexanone	10.88	43	56	2.002	ug/l	83
67) Ethyl Benzene	11.61	91	812	2.963	ug/l	96
68) m/p-Xylenes	11.71	106	1484	14.500	ug/l	98
69) o-Xylene	12.03	106	490	4.977	ug/l	88
74) N-amyl acetate	12.16	43	96	1.164	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.58	83	75	1.389	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	52	1.351	ug/l #	100
77) Bromobenzene	12.60	156	315	5.643	ug/l #	1
78) n-propylbenzene	12.68	91	842	2.776	ug/l	86
79) 2-Chlorotoluene	12.86	91	218	1.258	ug/l	77
80) 1,3,5-Trimethylbenzene	12.82	105	1230	5.847	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.49	75	1639	80.587	ug/l #	15
82) 4-Chlorotoluene	12.86	91	218	1.178	ug/l	77
84) 1,2,4-Trimethylbenzene	13.13	105	4837	22.901	ug/l	94
85) sec-Butylbenzene	13.13	105	4837	19.198	ug/l #	57
89) n-Butylbenzene	13.69	91	742	3.321	ug/l #	47
90) Hexachloroethane	13.98	117	115	2.732	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.59	75	167	17.930	ug/l #	1
95) Naphthalene	15.24	128	1981	13.019	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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