

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000351.D
 Acq On : 18 Oct 2019 15:02
 Operator : SY/MD
 Sample : K5420-15RE
 Misc : 6.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Quant Time: Oct 19 00:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	3454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	4450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	3937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	1165	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	1674	45.95	ug/l	-0.01
Spiked Amount			Recovery	=	91.90%	
35) Dibromofluoromethane	7.74	113	291	10.84	ug/l	0.00
Spiked Amount			Recovery	=	21.68%	
50) Toluene-d8	10.19	98	5606	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.48	95	1346	34.31	ug/l	0.00
Spiked Amount			Recovery	=	68.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	127	3.009	ug/l #	43
4) Vinyl Chloride	2.24	62	79	1.855	ug/l #	43
10) Methyl Iodide	4.24	142	21	1.593	ug/l #	41
13) Acrolein	3.63	56	63	14.093	ug/l #	15
14) Allyl chloride	4.49	41	72	1.245	ug/l #	24
16) Acetone	3.96	43	165	13.984	ug/l #	42
20) Methylene Chloride	4.83	84	33	Below Cal	#	6
21) trans-1,2-Dichloroethene	5.48	96	49	1.224	ug/l #	1
25) 2-Butanone	7.00	43	23	1.384	ug/l #	48
29) Tetrahydrofuran	7.32	42	72	7.148	ug/l #	34
36) 1,1-Dichloropropene	7.80	75	127	2.915	ug/l #	40
41) Methacrylonitrile	7.36	41	20	1.629	ug/l #	1
42) 1,2-Dichloroethane	8.29	62	48	1.335	ug/l #	72
43) Isopropyl Acetate	8.33	43	60	1.223	ug/l #	53
45) 1,2-Dichloropropane	9.04	63	31	1.003	ug/l #	46
48) Methyl methacrylate	9.34	41	32	1.489	ug/l #	12
51) 4-Methyl-2-Pentanone	10.27	43	60	2.372	ug/l	88
56) Ethyl methacrylate	10.73	69	69	1.928	ug/l #	25
59) 2-Hexanone	10.77	43	51	2.872	ug/l #	24
68) m/p-Xylenes	11.70	106	220	3.736	ug/l	95
71) Bromoform	12.20	173	45	2.682	ug/l #	28
74) N-amyl acetate	12.09	43	73	3.273	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.83	83	44	2.580	ug/l #	25
76) 1,2,3-Trichloropropane	12.49	75	810	56.542	ug/l #	100
77) Bromobenzene	12.60	156	44	2.177	ug/l #	36
81) trans-1,4-Dichloro-2-buten	12.42	75	39	5.957	ug/l #	14
86) p-Isopropyltoluene	13.38	119	128	1.573	ug/l #	49
87) 1,3-Dichlorobenzene	13.44	146	91	2.285	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	91	2.286	ug/l #	24
90) Hexachloroethane	13.87	117	40	2.655	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.38	75	25	7.729	ug/l #	1
95) Naphthalene	15.25	128	364	6.500	ug/l #	65

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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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