

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001096.D
 Acq On : 27 Dec 2019 14:37
 Operator : SY/MD
 Sample : K6439-13
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF010-01

Quant Time: Dec 28 04:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	1234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	2501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	655	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	1092	89.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	179.44%	
35) Dibromofluoromethane	7.80	113	19	1.29	ug/l	0.08
Spiked Amount				50.000		
			Recovery	=	2.58%	
50) Toluene-d8	10.18	98	2973	51.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.49	95	810	38.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	30	2.050	ug/l #	41
6) Chloroethane	2.64	64	51	5.761	ug/l #	40
9) 1,1,2-Trichlorotrifluoroet	3.77	101	25	1.826	ug/l #	21
14) Allyl chloride	4.40	41	51	2.368	ug/l #	27
15) Acrylonitrile	5.13	53	28	6.584	ug/l #	19
16) Acetone	3.97	43	81	28.889	ug/l #	35
18) Methyl Acetate	4.34	43	51	4.741	ug/l #	49
21) trans-1,2-Dichloroethene	5.29	96	23	1.497	ug/l #	1
26) 2,2-Dichloropropane	7.21	77	30	1.419	ug/l #	51
29) Tetrahydrofuran	7.41	42	29	8.277	ug/l #	31
36) 1,1-Dichloropropene	7.87	75	27	1.132	ug/l #	1
41) Methacrylonitrile	7.35	41	42	7.333	ug/l #	100
43) Isopropyl Acetate	8.08	43	75	3.067	ug/l #	50
48) Methyl methacrylate	9.42	41	27	2.587	ug/l #	9
51) 4-Methyl-2-Pentanone	10.04	43	20	1.569	ug/l #	33
55) 1,1,2-Trichloroethane	10.49	97	56	4.030	ug/l #	13
60) Dibromochloromethane	11.20	129	22	1.482	ug/l #	10
67) Ethyl Benzene	11.69	91	164	2.202	ug/l #	43
70) Styrene	12.20	104	49	1.083	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.76	83	22	2.203	ug/l #	25
76) 1,2,3-Trichloropropane	12.54	75	49	6.068	ug/l #	100
79) 2-Chlorotoluene	12.84	91	53	1.554	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.48	75	266	70.257	ug/l #	19
82) 4-Chlorotoluene	12.84	91	53	1.496	ug/l #	40
87) 1,3-Dichlorobenzene	13.44	146	24	1.096	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	24	1.087	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.57	75	19	11.373	ug/l #	1

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

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