

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001538.D
 Acq On : 06 Feb 2020 18:03
 Operator : SY/MD
 Sample : L1408-13RE
 Misc : 4.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-PATH-BH-04-ARE

Quant Time: Feb 07 04:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	6555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	12466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	4721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	4778	72.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.78%	
35) Dibromofluoromethane	7.74	113	3399	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.19	98	14514	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.49	95	5448	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
3) Chloromethane	2.13	50	264	3.937	ug/l #	79
5) Bromomethane	2.68	94	237	5.412	ug/l	91
10) Methyl Iodide	4.13	142	339	3.836	ug/l #	42
13) Acrolein	3.96	56	22	3.520	ug/l #	15
15) Acrylonitrile	5.18	53	19	1.066	ug/l #	18
16) Acetone	3.97	43	279	14.614	ug/l #	40
20) Methylene Chloride	4.74	84	609	3.778	ug/l #	79
25) 2-Butanone	7.01	43	155	6.258	ug/l #	45
26) 2,2-Dichloropropane	7.00	77	162	1.347	ug/l #	52
29) Tetrahydrofuran	7.41	42	41	2.762	ug/l #	31
36) 1,1-Dichloropropene	7.82	75	594	5.209	ug/l #	41
37) Ethyl Acetate	7.01	43	155	2.808	ug/l #	23
38) Carbon Tetrachloride	7.82	117	725	6.571	ug/l #	12
41) Methacrylonitrile	7.38	41	26	1.016	ug/l #	1
48) Methyl methacrylate	9.24	41	71	1.431	ug/l #	10
51) 4-Methyl-2-Pentanone	10.07	43	57	1.059	ug/l #	33
68) m/p-Xylenes	11.70	106	215	1.350	ug/l	88
76) 1,2,3-Trichloropropane	12.49	75	2671	52.610	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	2671	101.798	ug/l #	16
95) Naphthalene	15.24	128	723	3.373	ug/l #	73

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

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