

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001704.D
 Acq On : 19 Feb 2020 17:14
 Operator : SY/MD
 Sample : L1589-01
 Misc : 11.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB3-9.5-10.0

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 5:56:10 PM

Quant Time: Feb 20 06:37:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	28833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	68720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	24774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	27738	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	21728	70.06	ug/l	0.00
Spiked Amount						
						Recovery = 140.12%
35) Dibromofluoromethane	7.75	113	19759	50.20	ug/l	0.00
Spiked Amount						
						Recovery = 100.40%
50) Toluene-d8	10.21	98	1300914	843.66	ug/l	0.02
Spiked Amount						
						Recovery = 1687.32%
62) 4-Bromofluorobenzene	12.49	95	279395	466.39	ug/l	0.00
Spiked Amount						
						Recovery = 932.78%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.82	56	8554440	13128.865	ug/l	88
39) Methylcyclohexane	9.22	83	15651333	17972.757	ug/l	94
40) Benzene	8.19	78	4065974	2106.137	ug/l	99
52) Toluene	10.27	92	14905201	12377.542	ug/l	81
67) Ethyl Benzene	11.61	91	17808662	19401.970	ug/l #	85
68) m/p-Xylenes	11.72	106	11396221	33237.770	ug/l	78
69) o-Xylene	12.05	106	6329737	19418.494	ug/l	95
73) Isopropylbenzene	12.34	105	8479316	4012.664	ug/l	100
78) n-propylbenzene	12.69	91	12036694	4676.970	ug/l	97
80) 1,3,5-Trimethylbenzene	12.83	105	3045766	1741.216	ug/l	99
83) tert-Butylbenzene	13.09	119	28675m	19.600	ug/l	
84) 1,2,4-Trimethylbenzene	13.13	105	12581757	7214.747	ug/l	97
85) sec-Butylbenzene	13.27	105	6891321	3202.789	ug/l	95
86) p-Isopropyltoluene	13.38	119	2406283	1287.322	ug/l	98
89) n-Butylbenzene	13.70	91	2509250m	1313.750	ug/l	
95) Naphthalene	15.24	128	544265	434.461	ug/l	98

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

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