

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021223.D
 Acq On : 17 Feb 2025 15:38
 Operator : SY/MD
 Sample : Q1372-02
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-021425

Quant Time: Feb 18 00:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	87463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	134437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	110655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	40781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	34174	38.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.280%
35) Dibromofluoromethane	7.634	113	39514	45.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.109	98	169343	51.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.408	95	45476	42.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.880%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.116	83	16143	10.342	ug/l	95
52) Toluene	10.176	92	32463	13.805	ug/l	99
67) Ethyl Benzene	11.524	91	123339	28.302	ug/l	100
68) m/p-Xylenes	11.627	106	124384	76.294	ug/l	97
69) o-Xylene	11.957	106	66621	43.830	ug/l	92
73) Isopropylbenzene	12.261	105	55567	17.443	ug/l	98
78) n-propylbenzene	12.597	91	144374	38.046	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	108365	41.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	408713	161.844	ug/l	99
85) sec-Butylbenzene	13.182	105	67439	19.956	ug/l	86
86) p-Isopropyltoluene	13.298	119	32816	11.690	ug/l	98
89) n-Butylbenzene	13.621	91	50885	19.870	ug/l #	78
95) Naphthalene	15.151	128	26583	24.230	ug/l #	85

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

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