

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015600.D
 Acq On : 16 Sep 2023 04:20
 Operator : SY/MD
 Sample : 04419-12
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(25-27)

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023

Quant Time: Sep 18 09:26:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	183825	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.709	114	302361	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	309039	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.446	152	40840	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	118027	59.895	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.780%			
35) Dibromofluoromethane	7.734	113	96606	55.472	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.940%			
50) Toluene-d8	10.203	98	592109	93.885	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 187.780%#			
62) 4-Bromofluorobenzene	12.501	95	319630	136.519	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 273.040%#			
Target Compounds					Qvalue	
16) Acetone	3.979	43	36894	44.855	ug/l	98
17) Carbon Disulfide	4.216	76	30230	5.534	ug/l	99
18) Methyl Acetate	4.509	43	9882	3.317	ug/l	97
25) 2-Butanone	7.021	43	26615	22.814	ug/l	# 87
31) Cyclohexane	7.795	56	158107	45.168	ug/l	# 71
39) Methylcyclohexane	9.203	83	851659	221.222	ug/l	# 76
40) Benzene	8.179	78	387602	45.431	ug/l	100
52) Toluene	10.264	92	45300	8.284	ug/l	99
67) Ethyl Benzene	11.617	91	5234494	437.746	ug/l	99
68) m/p-Xylenes	11.727	106	28654362	6182.099	ug/l	# 1
69) o-Xylene	12.056	106	17089282	3857.904	ug/l	68
73) Isopropylbenzene	12.355	105	181043m	59.017	ug/l	
80) 1,3,5-Trimethylbenzene	12.739	105	73680997m	28715.861	ug/l	
84) 1,2,4-Trimethylbenzene	13.129	105	34397569m	13501.876	ug/l	
85) sec-Butylbenzene	13.270	105	1871004	558.167	ug/l	# 60
86) p-Isopropyltoluene	13.385	119	2559456	911.029	ug/l	100
95) Naphthalene	15.239	128	984182	483.312	ug/l	99

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

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