

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016113.D
 Acq On : 27 Oct 2023 18:54
 Operator : SY/MD
 Sample : 05107-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1075

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
 Supervised By :Semsettin Yesilyurt 10/30/2023

Quant Time: Oct 30 06:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96452	59.556	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.120%			
35) Dibromofluoromethane	7.722	113	83568	49.975	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.960%			
50) Toluene-d8	10.185	98	348397	56.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.500%			
62) 4-Bromofluorobenzene	12.483	95	99515	46.837	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.680%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	50771	115.660	ug/l	91
17) Carbon Disulfide	4.204	76	6723	1.746	ug/l	97
20) Methylene Chloride	4.722	84	25207	10.093	ug/l #	80
31) Cyclohexane	7.783	56	573704	225.171	ug/l	92
39) Methylcyclohexane	9.185	83	1240956	437.013	ug/l	93
40) Benzene	8.167	78	19828436	3004.610	ug/l #	86
52) Toluene	10.246	92	13805870	3257.850	ug/l #	71
67) Ethyl Benzene	11.593	91	3227047	414.928	ug/l	98
68) m/p-Xylenes	11.703	106	6386218	2121.829	ug/l	86
69) o-Xylene	12.032	106	3005068	1042.916	ug/l	93
73) Isopropylbenzene	12.331	105	308933	53.234	ug/l	99
78) n-propylbenzene	12.672	91	580088	82.555	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1958452	406.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	4203782	883.407	ug/l	97
85) sec-Butylbenzene	13.251	105	122299m	19.173	ug/l	
86) p-Isopropyltoluene	13.367	119	159886	30.038	ug/l	97
89) n-Butylbenzene	13.696	91	82532	16.622	ug/l #	54
95) Naphthalene	15.233	128	17929125	6136.905	ug/l #	89

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

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