

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016111.D
 Acq On : 27 Oct 2023 18:07
 Operator : SY/MD
 Sample : 05107-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1073

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 06:11:19 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	163962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	265222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95538	58.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.200%			
35) Dibromofluoromethane	7.716	113	84594	50.524	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.040%			
50) Toluene-d8	10.179	98	341849	55.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.477	95	112432	52.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.700%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	21924	49.612	ug/l	96
20) Methylene Chloride	4.716	84	24616	9.593	ug/l	89
31) Cyclohexane	7.783	56	259102	101.017	ug/l	94
39) Methylcyclohexane	9.185	83	641298	225.550	ug/l	94
40) Benzene	8.161	78	11776563	1782.226	ug/l	96
52) Toluene	10.246	92	9488756	2236.254	ug/l	81
67) Ethyl Benzene	11.593	91	1865602	222.702	ug/l	97
68) m/p-Xylenes	11.697	106	3770660	1163.114	ug/l	91
69) o-Xylene	12.026	106	1704488	549.196	ug/l	96
73) Isopropylbenzene	12.331	105	158762	21.812	ug/l	99
78) n-propylbenzene	12.672	91	327563	37.167	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	983095	162.677	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	2284083	382.690	ug/l	97
85) sec-Butylbenzene	13.251	105	61743m	7.717	ug/l	
86) p-Isopropyltoluene	13.367	119	77151	11.556	ug/l	97
89) n-Butylbenzene	13.696	91	45875	7.366	ug/l #	63
95) Naphthalene	15.239	128	11731976	3201.667	ug/l	97

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

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