

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015713.D
 Acq On : 26 Sep 2023 17:09
 Operator : SY/MD
 Sample : 04614-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1049

Quant Time: Sep 27 01:34:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	135364	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	234631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87303	58.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.240%			
35) Dibromofluoromethane	7.722	113	73615	52.419	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.840%			
50) Toluene-d8	10.179	98	280350	58.877	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.760%			
62) 4-Bromofluorobenzene	12.483	95	99114	53.041	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.080%			
Target Compounds					Qvalue	
15) Acrylonitrile	5.174	53	10966	16.240	ug/l	92
16) Acetone	3.966	43	767346	962.731	ug/l	91
20) Methylene Chloride	4.722	84	19264	6.860	ug/l	93
31) Cyclohexane	7.783	56	13787	6.682	ug/l #	92
39) Methylcyclohexane	9.185	83	19559	8.516	ug/l	91
40) Benzene	8.161	78	29902	4.722	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	44673	20.372	ug/l	94
52) Toluene	10.246	92	530412	129.930	ug/l	95
67) Ethyl Benzene	11.593	91	202132	24.305	ug/l	99
68) m/p-Xylenes	11.703	106	311570	98.567	ug/l	96
69) o-Xylene	12.032	106	138237	44.599	ug/l	98
73) Isopropylbenzene	12.331	105	23089	2.843	ug/l	98
78) n-propylbenzene	12.672	91	87541	8.873	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	110995	16.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	488438	71.802	ug/l	98
85) sec-Butylbenzene	13.251	105	9262m	1.039	ug/l	
86) p-Isopropyltoluene	13.367	119	16920	2.273	ug/l	99
89) n-Butylbenzene	13.696	91	17506	2.484	ug/l #	69
95) Naphthalene	15.233	128	97634	16.292	ug/l	100

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

