

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015009.D
 Acq On : 09 Aug 2023 16:42
 Operator : SY/MD
 Sample : 03930-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Aug 10 01:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	12143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	22054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10986	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	8855	60.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.710	113	5745	43.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.120%	
50) Toluene-d8	10.173	98	25558	50.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.477	95	12050	67.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 135.460%	

Target Compounds

						Qvalue
10) Methyl Iodide	4.094	142	1511	13.267	ug/l #	87
16) Acetone	3.948	43	1134	24.709	ug/l #	83
20) Methylene Chloride	4.716	84	3670	9.144	ug/l #	80
31) Cyclohexane	7.777	56	706	1.210	ug/l #	74
39) Methylcyclohexane	9.173	83	1295	6.651	ug/l	95
40) Benzene	8.149	78	114008	236.459	ug/l	96
52) Toluene	10.246	92	4029	12.985	ug/l	100
67) Ethyl Benzene	11.587	91	1136814	1547.914	ug/l	99
68) m/p-Xylenes	11.697	106	311583	1109.034	ug/l	96
69) o-Xylene	12.026	106	146544	533.058	ug/l	99
73) Isopropylbenzene	12.325	105	107176	145.127	ug/l	100
78) n-propylbenzene	12.666	91	73364	83.059	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	181630	298.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	652981	1070.935	ug/l	98
85) sec-Butylbenzene	13.251	105	5217m	6.385	ug/l	
86) p-Isopropyltoluene	13.367	119	55647m	82.276	ug/l	
89) n-Butylbenzene	13.678	91	21368m	33.625	ug/l	

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

Manual Integrations

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