

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022447.D
 Acq On : 28 May 2025 13:28
 Operator : SY/MD
 Sample : Q2136-02
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-646-VOC-52

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025

Quant Time: May 29 01:57:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	310837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	560748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	456181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	163532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174323	53.243	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.480%			
35) Dibromofluoromethane	7.640	113	168273	51.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.480%			
50) Toluene-d8	10.109	98	680207	50.811	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.407	95	178040	43.967	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.940%			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.109	83	213412	30.809	ug/l	91
40) Benzene	8.085	78	64746	4.176	ug/l	97
52) Toluene	10.176	92	36768	3.796	ug/l	98
67) Ethyl Benzene	11.523	91	1705928	94.452	ug/l	98
68) m/p-Xylenes	11.627	106	386986	56.513	ug/l	100
69) o-Xylene	11.956	106	25776	4.005	ug/l	98
73) Isopropylbenzene	12.255	105	200782	15.600	ug/l	98
78) n-propylbenzene	12.596	91	1055424	68.331	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	99948	9.939	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	322722	31.890	ug/l	100
85) sec-Butylbenzene	13.176	105	84987	6.307	ug/l #	56
86) p-Isopropyltoluene	13.291	119	13127m	1.167	ug/l	
89) n-Butylbenzene	13.621	91	221691m	21.013	ug/l	

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

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