

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023629.D
 Acq On : 30 Oct 2025 13:50
 Operator : SY/MD
 Sample : Q3488-04
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-25-0302-0310

Quant Time: Oct 31 02:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	721368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1174926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	739405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	322899	53.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.060%			
35) Dibromofluoromethane	7.640	113	368731	51.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.160%			
50) Toluene-d8	10.109	98	1224183	45.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.060%			
62) 4-Bromofluorobenzene	12.407	95	223635	25.195	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 50.380%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.860	59	5668	12.630	ug/l #	89
20) Methylene Chloride	4.616	84	25800	3.322	ug/l	97
39) Methylcyclohexane	9.109	83	496274	39.880	ug/l	95
52) Toluene	10.170	92	564069	28.702	ug/l	99
67) Ethyl Benzene	11.517	91	3829248	147.101	ug/l	99
68) m/p-Xylenes	11.627	106	7248569	694.234	ug/l	93
69) o-Xylene	11.956	106	3204507	327.209	ug/l	99
73) Isopropylbenzene	12.255	105	788831	91.785	ug/l	99
78) n-propylbenzene	12.596	91	1195828	120.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1560664	224.721	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	5925157	854.882	ug/l	99
85) sec-Butylbenzene	13.176	105	73814m	8.025	ug/l	
86) p-Isopropyltoluene	13.291	119	46481m	5.935	ug/l	
89) n-Butylbenzene	13.614	91	57478	8.423	ug/l #	60

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

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