

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031843.D
 Acq On : 14 Jul 2025 12:22
 Operator : SY/MD
 Sample : Q2503-04
 Misc : 6.93g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCAP3

Quant Time: Jul 15 02:43:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
 Supervised By :Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	220413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	402670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	355600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	131166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128279	40.554	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	81.100%		
35) Dibromofluoromethane	7.904	113	118179	44.976	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	89.960%		
50) Toluene-d8	10.331	98	479586	49.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.617	95	149318	41.495	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	83.000%		
Target Compounds					Qvalue	
16) Acetone	4.173	43	107033	136.899	ug/l	90
17) Carbon Disulfide	4.429	76	18414	2.620	ug/l #	94
25) 2-Butanone	7.203	43	50078	49.234	ug/l #	85
31) Cyclohexane	7.978	56	1470482	326.490	ug/l	97
39) Methylcyclohexane	9.343	83	4389485	927.882	ug/l	98
52) Toluene	10.392	92	62448	8.670	ug/l	99
67) Ethyl Benzene	11.733	91	79115	5.815	ug/l	95
68) m/p-Xylenes	11.837	106	235330	44.997	ug/l	98
69) o-Xylene	12.166	106	48990	10.117	ug/l	98
73) Isopropylbenzene	12.465	105	300201	30.089	ug/l	100
78) n-propylbenzene	12.800	91	465595	38.970	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	541343	65.549	ug/l	100
83) tert-Butylbenzene	13.202	119	9523	1.346	ug/l	94
84) 1,2,4-Trimethylbenzene	13.245	105	1352547	161.638	ug/l	99
85) sec-Butylbenzene	13.379	105	33714m	3.175	ug/l	
86) p-Isopropyltoluene	13.495	119	60965	6.967	ug/l	100

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

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