

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080378.D
 Acq On : 16 May 2025 18:11
 Operator : RP/MD
 Sample : Q2014-05
 Misc : 4.47G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MOO-25-0148

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/19/2025
 Supervised By :Semsettin Yesilyurt 05/19/2025

Quant Time: May 17 01:23:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	30322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	61360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	11377	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	2562m	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	37355	95.265	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 190.540%#			
35) Dibromofluoromethane	7.806	113	36309	88.288	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.580%#			
50) Toluene-d8	10.270	98	29162	17.997	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 36.000%#			
62) 4-Bromofluorobenzene	12.570	95	3350	6.441	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 12.880%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.059	59	14308	601.330	ug/l #	86
16) Acetone	4.024	43	20974	351.204	ug/l	93
20) Methylene Chloride	4.806	84	9376	20.101	ug/l #	85
25) 2-Butanone	7.094	43	5415	50.191	ug/l	93
39) Methylcyclohexane	9.276	83	9464	13.269	ug/l	96
52) Toluene	10.329	92	11049	9.523	ug/l	94
67) Ethyl Benzene	11.682	91	6252	14.564	ug/l	95
68) m/p-Xylenes	11.782	106	8804	52.818	ug/l	90
69) o-Xylene	12.117	106	3364	22.086	ug/l	82
70) Styrene	12.141	104	2976	10.881	ug/l #	71
80) 1,3,5-Trimethylbenzene	12.900	105	3780	26.667	ug/l	75
84) 1,2,4-Trimethylbenzene	13.211	105	11650	80.327	ug/l	95
85) sec-Butylbenzene	13.341	105	8812	48.309	ug/l	88
86) p-Isopropyltoluene	13.458	119	1965	12.818	ug/l #	50

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

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