

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080314.D
 Acq On : 13 May 2025 21:08
 Operator : RP/MD
 Sample : Q1980-06RE
 Misc : 4.08G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3836RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/14/2025

Quant Time: May 14 01:37:14 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	49250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	132244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	90778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	16764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	57898	90.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.820%#			
35) Dibromofluoromethane	7.806	113	61433	69.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 138.620%			
50) Toluene-d8	10.270	98	140034	40.098	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.200%			
62) 4-Bromofluorobenzene	12.570	95	30646	27.340	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 54.680%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.065	59	7638m	197.636	ug/l	
16) Acetone	4.018	43	2809m	9.814	ug/l	
52) Toluene	10.329	92	2600	1.040	ug/l	99
68) m/p-Xylenes	11.794	106	2831	2.129	ug/l	93
69) o-Xylene	12.123	106	1570	1.292	ug/l	92
78) n-propylbenzene	12.758	91	6427	4.710	ug/l	96
80) 1,3,5-Trimethylbenzene	12.899	105	7962	8.584	ug/l	96
84) 1,2,4-Trimethylbenzene	13.205	105	23842	25.124	ug/l	95
85) sec-Butylbenzene	13.346	105	4880	4.089	ug/l	90
86) p-Isopropyltoluene	13.452	119	3587m	3.576	ug/l	
89) n-Butylbenzene	13.782	91	7157m	7.350	ug/l	
95) Naphthalene	15.323	128	4276	7.086	ug/l #	90

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

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