

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021844.D
 Acq On : 10 Apr 2025 17:34
 Operator : SY/MD
 Sample : Q1771-03
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6C-VOC

Quant Time: Apr 11 06:05:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	214631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	399242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	376987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130938	56.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.620%	
35) Dibromofluoromethane	7.640	113	136988	52.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.780%	
50) Toluene-d8	10.109	98	502126	50.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.407	95	171458	51.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	8145	17.114	ug/l	93
25) 2-Butanone	6.896	43	1573	2.314	ug/l #	79
39) Methylcyclohexane	9.103	83	5030	1.067	ug/l #	86
67) Ethyl Benzene	11.517	91	23286	1.571	ug/l	100
69) o-Xylene	11.956	106	9508	1.815	ug/l	88
73) Isopropylbenzene	12.255	105	27014	2.227	ug/l	98
78) n-propylbenzene	12.596	91	62002	4.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	43277	4.366	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	100606	10.269	ug/l	99
85) sec-Butylbenzene	13.176	105	91421	7.086	ug/l	88
86) p-Isopropyltoluene	13.291	119	25610	2.402	ug/l	98
89) n-Butylbenzene	13.615	91	88287	8.952	ug/l #	74
95) Naphthalene	15.145	128	162822	36.271	ug/l	95

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

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