

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014292.D
 Acq On : 20 Jun 2023 18:40
 Operator : KP/MD
 Sample : 03298-14
 Misc : 7.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-09-10S-4

Quant Time: Jun 21 02:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115062	47.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.721	113	89603	46.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.178	98	340468	47.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.477	95	76227	29.864	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.720%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	91986	125.199	ug/l	99
17) Carbon Disulfide	4.192	76	16741	2.585	ug/l	99
25) 2-Butanone	6.990	43	24256	26.820	ug/l	96
29) Tetrahydrofuran	7.356	42	3103	5.411	ug/l #	83
31) Cyclohexane	7.789	56	11588	3.549	ug/l #	59
39) Methylcyclohexane	9.185	83	5836	1.755	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	4360	2.215	ug/l	94
52) Toluene	10.245	92	5912	1.070	ug/l	99
73) Isopropylbenzene	12.330	105	6486	1.304	ug/l	89
80) 1,3,5-Trimethylbenzene	12.812	105	25856	6.073	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	32284	7.660	ug/l	97

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

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