

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015451.D
 Acq On : 06 Sep 2023 15:44
 Operator : SY/MD
 Sample : 04299-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Sep 06 16:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	346112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157283	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149382	62.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.580%
35) Dibromofluoromethane	7.704	113	119486	53.659	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.173	98	454787	56.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.800%
62) 4-Bromofluorobenzene	12.477	95	158356	52.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.800%

Target Compounds						Qvalue
40) Benzene	8.149	78	3975623	364.447	ug/l	99
52) Toluene	10.240	92	168608	24.115	ug/l	96
67) Ethyl Benzene	11.587	91	13620949	1017.071	ug/l	# 83
68) m/p-Xylenes	11.697	106	3679638	708.838	ug/l	93
69) o-Xylene	12.026	106	3292883	663.744	ug/l	94
73) Isopropylbenzene	12.325	105	1134769	96.053	ug/l	99
78) n-propylbenzene	12.666	91	365564	25.572	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	1459691	147.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	3687269	375.816	ug/l	97
86) p-Isopropyltoluene	13.367	119	242657	22.428	ug/l	# 76

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

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