

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013895.D
 Acq On : 26 May 2023 16:00
 Operator : KP/MD
 Sample : 02941-03RE
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-CLEANFILL-001RE

Quant Time: May 29 04:33:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	157516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274400	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	257288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122258	67.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.180%	
35) Dibromofluoromethane	7.716	113	47302	26.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 53.380%#	
50) Toluene-d8	10.179	98	337213	50.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.477	95	101113	45.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	51420	95.071	ug/l	96
17) Carbon Disulfide	4.198	76	10370	2.255	ug/l #	92
20) Methylene Chloride	4.722	84	11538	3.663	ug/l	91
25) 2-Butanone	6.996	43	13378	20.270	ug/l #	88
39) Methylcyclohexane	9.185	83	7261	2.297	ug/l	95
40) Benzene	8.161	78	27083	3.493	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	2591	1.621	ug/l	92
52) Toluene	10.240	92	25895	5.478	ug/l	97
67) Ethyl Benzene	11.593	91	46597	4.802	ug/l	95
68) m/p-Xylenes	11.697	106	35080	9.552	ug/l	94
69) o-Xylene	12.026	106	22997	6.648	ug/l	99
70) Styrene	12.044	104	11811	2.016	ug/l #	70
78) n-propylbenzene	12.666	91	10371	1.221	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	59242	10.443	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	78859	14.161	ug/l	98
86) p-Isopropyltoluene	13.367	119	6163	1.016	ug/l	95

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

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