

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014222.D
 Acq On : 16 Jun 2023 22:39
 Operator : KP/MD
 Sample : 03224-06RE
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-01/02-GRAB-5B1RE

Quant Time: Jun 16 23:29:01 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	7.801	168	17198	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	23133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	15809	66.013	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.020%	
35) Dibromofluoromethane	7.728	113	10568	64.418	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.840%	
50) Toluene-d8	10.185	98	25293	41.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.480%	
62) 4-Bromofluorobenzene	12.489	95	4561	20.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 41.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	890	3.662	ug/l	98
10) Methyl Iodide	4.100	142	734	2.869	ug/l #	90
16) Acetone	3.954	43	47346	655.869	ug/l	95
17) Carbon Disulfide	4.204	76	3058	4.806	ug/l #	85
18) Methyl Acetate	4.491	43	3250	11.599	ug/l	97
20) Methylene Chloride	4.722	84	6622	27.091	ug/l #	88
25) 2-Butanone	7.002	43	6667	75.028	ug/l	91
29) Tetrahydrofuran	7.362	42	3135	55.637	ug/l	96
40) Benzene	8.167	78	909	1.195	ug/l #	82
52) Toluene	10.252	92	770	1.633	ug/l	80
68) m/p-Xylenes	11.703	106	309	1.298	ug/l	85
84) 1,2,4-Trimethylbenzene	13.123	105	758	2.568	ug/l #	60
95) Naphthalene	15.239	128	1931	9.568	ug/l	96

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

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