

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014223.D
 Acq On : 16 Jun 2023 23:02
 Operator : KP/MD
 Sample : 03224-05RE
 Misc : 7.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-01/02-GRAB-5B2RE

Quant Time: Jun 17 01:52:04 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	16282	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	19158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12997	57.324	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.640%			
35) Dibromofluoromethane	7.728	113	7971	58.669	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.340%			
50) Toluene-d8	10.185	98	20573	40.503	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 81.000%			
62) 4-Bromofluorobenzene	12.483	95	2713	15.036	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 30.080%			
Target Compounds					Qvalue	
3) Chloromethane	2.125	50	852	3.703	ug/l #	53
16) Acetone	3.960	43	32262	472.058	ug/l	99
17) Carbon Disulfide	4.210	76	13227	21.957	ug/l	98
20) Methylene Chloride	4.728	84	6125	26.378	ug/l #	85
25) 2-Butanone	7.008	43	3872	46.025	ug/l	92
29) Tetrahydrofuran	7.368	42	2288	42.890	ug/l #	92
31) Cyclohexane	7.801	56	1132	3.727	ug/l #	74
39) Methylcyclohexane	9.185	83	1319	5.613	ug/l	87
40) Benzene	8.167	78	2082	3.306	ug/l #	89
52) Toluene	10.252	92	1609	4.121	ug/l	98
67) Ethyl Benzene	11.593	91	2076	5.150	ug/l #	88
68) m/p-Xylenes	11.709	106	869	5.604	ug/l	80
69) o-Xylene	12.026	106	774	5.280	ug/l	74
70) Styrene	12.050	104	1929	7.709	ug/l	95
73) Isopropylbenzene	12.337	105	2055	10.836	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	1548	9.630	ug/l	96
86) p-Isopropyltoluene	13.379	119	1086	6.325	ug/l #	87
95) Naphthalene	15.239	128	6376	58.013	ug/l #	96

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

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