

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076571.D
 Acq On : 23 Jun 2023 21:33
 Operator : KP/SY
 Sample : 03361-23
 Misc : 13.44G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-7-GRAB-5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 01:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	83489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	159075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	117429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33108	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58604	70.060	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.120%			
35) Dibromofluoromethane	7.804	113	51584	54.585	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.180%			
50) Toluene-d8	10.269	98	180834	50.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.569	95	39710	34.140	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 68.280%			
Target Compounds						
						Qvalue
16) Acetone	4.022	43	17005	85.430	ug/l	# 82
25) 2-Butanone	7.081	43	4513	14.659	ug/l	# 64
29) Tetrahydrofuran	7.440	42	1879	9.497	ug/l	# 62
31) Cyclohexane	7.851	56	38001	28.743	ug/l	# 36
39) Methylcyclohexane	9.269	83	95288	61.357	ug/l	92
52) Toluene	10.334	92	68078	26.882	ug/l	97
64) Tetrachloroethene	10.810	164	8116	11.514	ug/l	95
67) Ethyl Benzene	11.686	91	329176	83.273	ug/l	98
68) m/p-Xylenes	11.792	106	938131	607.956	ug/l	90
69) o-Xylene	12.122	106	479854	326.679	ug/l	90
73) Isopropylbenzene	12.422	105	119070	53.417	ug/l	100
78) n-propylbenzene	12.763	91	425612	154.636	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	1577821	866.754	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	4449715	2425.616	ug/l	97
85) sec-Butylbenzene	13.345	105	85541m	35.637	ug/l	
86) p-Isopropyltoluene	13.457	119	71931	35.864	ug/l	96
89) n-Butylbenzene	13.786	91	146365m	74.818	ug/l	
95) Naphthalene	15.333	128	217429	172.840	ug/l	98

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

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