

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011006.D
 Acq On : 19 Oct 2022 12:02
 Operator : KP/MD
 Sample : N5170-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1639

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 19 12:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	448671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308489	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179459	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130043	56.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 112.480%		
35) Dibromofluoromethane	7.716	113	136613	54.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.660%		
50) Toluene-d8	10.185	98	542005	57.855	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 115.720%		
62) 4-Bromofluorobenzene	12.477	95	284196	87.973	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 175.940%#		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	31869	110.301	ug/l #	93
16) Acetone	3.930	43	35889379m	53446.864	ug/l	
17) Carbon Disulfide	4.192	76	10238	1.467	ug/l	98
18) Methyl Acetate	4.479	43	33030	15.543	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	100140	15.051	ug/l #	5
20) Methylene Chloride	4.716	84	33746	5.968	ug/l #	82
25) 2-Butanone	6.984	43	98625	96.849	ug/l	100
39) Methylcyclohexane	9.185	83	3314187	662.491	ug/l	92
40) Benzene	8.161	78	280226	22.866	ug/l	96
52) Toluene	10.240	92	28018422m	3680.154	ug/l	
67) Ethyl Benzene	11.593	91	5079032	453.298	ug/l	96
68) m/p-Xylenes	11.703	106	6579717	1526.536	ug/l	87
69) o-Xylene	12.032	106	3380472	825.958	ug/l	92
73) Isopropylbenzene	12.331	105	1625037	124.638	ug/l	100
78) n-propylbenzene	12.672	91	5577552	351.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	4589040	421.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	15687987	1462.464	ug/l	82
85) sec-Butylbenzene	13.257	105	2715222	192.083	ug/l	86
86) p-Isopropyltoluene	13.373	119	1540216	131.342	ug/l	99
89) n-Butylbenzene	13.703	91	5169344	471.734	ug/l #	73
95) Naphthalene	15.239	128	994531	150.152	ug/l #	97

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

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