

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010493.D
 Acq On : 14 Sep 2022 18:44
 Operator : KP/MD
 Sample : N4588-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1647

Quant Time: Sep 15 01:11:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	154902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76388	48.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.710	113	73207	42.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.260%
50) Toluene-d8	10.179	98	293653	52.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.477	95	59966	23.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	382516	2648.744	ug/l #	93
15) Acrylonitrile	5.162	53	5234	12.275	ug/l	96
16) Acetone	3.936	43	21261054	59383.218	ug/l #	70
17) Carbon Disulfide	4.180	76	30078	7.446	ug/l	100
18) Methyl Acetate	4.473	43	14684	13.331	ug/l #	85
20) Methylene Chloride	4.704	84	33818	14.649	ug/l	88
25) 2-Butanone	6.978	43	128836	226.429	ug/l #	88
39) Methylcyclohexane	9.179	83	441777	148.941	ug/l	94
40) Benzene	8.155	78	115224	16.826	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	46924	37.381	ug/l	92
52) Toluene	10.234	92	20436116	4560.405	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.819	63	601	Below Cal	#	48
67) Ethyl Benzene	11.593	91	238107	34.033	ug/l	99
68) m/p-Xylenes	11.697	106	218536	79.563	ug/l	95
69) o-Xylene	12.026	106	86373	32.933	ug/l	95
73) Isopropylbenzene	12.325	105	77258	26.539	ug/l	100
78) n-propylbenzene	12.666	91	106111	30.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	58308	23.739	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	192987	80.299	ug/l	100
85) sec-Butylbenzene	13.252	105	18692	5.880	ug/l	80
86) p-Isopropyltoluene	13.367	119	10558	3.926	ug/l	92
89) n-Butylbenzene	13.690	91	30594	12.534	ug/l #	69

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

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