Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
Data File : VN073872.D
Acq On : 13 Aug 2022 16:50
Operator : JC\MD
Sample : N4156-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 02:36:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

Manual Integrations APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.128	168	607038	50.000	ug/l	0.11
34) 1,4-Difluorobenzene	8.980	114	884113	50.000	ug/l	0.08
63) Chlorobenzene-d5	11.704	117	814112	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.621	152	454305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.475	65	298536	40.355	ug/l	0.11
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.720%			
35) Dibromofluoromethane	8.069	113	290677	52.358	ug/l	0.12
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.422	98	985431	45.107	ug/l	0.04
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.220%			
62) 4-Bromofluorobenzene	12.680	95	396584	51.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds						Qvalue
16) Acetone	4.410	43	1655271m	416.589	ug/l	
18) Methyl Acetate	4.940	43	74604	7.547	ug/l	93
20) Methylene Chloride	5.140	84	94091	13.007	ug/l	99
37) Ethyl Acetate	7.498	43	66498m	6.382	ug/l	
40) Benzene	8.492	78	26564	1.034	ug/l	100
43) Isopropyl Acetate	8.592	43	779102	55.354	ug/l #	72
51) 4-Methyl-2-Pentanone	10.310	43	126995	12.580	ug/l #	75
52) Toluene	10.474	92	23545357m	1500.253	ug/l	
67) Ethyl Benzene	11.804	91	424942	14.566	ug/l	97
68) m/p-Xylenes	11.904	106	573171	51.513	ug/l	97
69) o-Xylene	12.233	106	392088	36.145	ug/l	96
73) Isopropylbenzene	12.527	105	75868	2.281	ug/l	98
78) n-propylbenzene	12.868	91	199767	5.339	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	253121	9.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.315	105	1275871	47.411	ug/l	98
85) sec-Butylbenzene	13.445	105	50835	1.517	ug/l	83
86) p-Isopropyltoluene	13.557	119	34648	1.312	ug/l	97
89) n-Butylbenzene	13.886	91	50095	2.331	ug/l #	82
95) Naphthalene	15.433	128	823124	31.886	ug/l	99

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

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