Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
Data File : VN080739.D
Acq On : 22 Jan 2024 15:59
Operator : JC\MD
Sample : P1179-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 03:55:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
S-2

Manual Integrations APPROVED

Reviewed By :John Carlone 01/23/2024
Supervised By :Mahesh Dadoda 01/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	137379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347767	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108671	45.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.080%			
35) Dibromofluoromethane	8.165	113	84057	45.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.040%			
50) Toluene-d8	10.565	98	365364	51.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.847	95	158593	58.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	10121m	24.806	ug/l	
16) Acetone	4.424	43	85890	108.441	ug/l	94
18) Methyl Acetate	5.024	43	10267	4.353	ug/l #	53
20) Methylene Chloride	5.271	84	5904	2.553	ug/l #	69
25) 2-Butanone	7.483	43	38310	26.759	ug/l #	74
31) Cyclohexane	8.253	56	33277	8.928	ug/l	86
39) Methylcyclohexane	9.600	83	16516	4.562	ug/l #	79
40) Benzene	8.606	78	15988860	1503.510	ug/l	99
43) Isopropyl Acetate	8.688	43	132918	19.713	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	51894	14.266	ug/l #	82
52) Toluene	10.630	92	6345808	1041.504	ug/l	99
67) Ethyl Benzene	11.965	91	761274	52.471	ug/l	96
68) m/p-Xylenes	12.065	106	1337581	262.234	ug/l	85
69) o-Xylene	12.400	106	910232	182.511	ug/l	84
73) Isopropylbenzene	12.694	105	28991	2.045	ug/l	97
78) n-propylbenzene	13.035	91	62671	3.603	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	234510	19.845	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	745704	64.175	ug/l	88
86) p-Isopropyltoluene	13.729	119	11673	1.101	ug/l	87
95) Naphthalene	15.641	128	5309076	510.994	ug/l	99

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

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