Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070173.D
Acq On : 17 Dec 2021 19:09
Operator : JC/MD
Sample : M5039-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 18 05:47:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-29

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

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12/23/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	941555	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.968	114	1582608	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	1520118	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	716106	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.440	65	731945	50.348	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.700%				
35) Dibromofluoromethane	8.024	113	480296	48.451	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.900%				
50) Toluene-d8	10.443	98	1987935	49.943	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.880%				
62) 4-Bromofluorobenzene	12.731	95	816949	56.653	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.300%				
Target Compounds							Qvalue
3) Chloromethane	2.303	50	4974	0.362	ug/l		91
11) Tert butyl alcohol	5.385	59	8970784	3264.520	ug/l		99
16) Acetone	4.291	43	2111410	241.441	ug/l		97
17) Carbon Disulfide	4.521	76	20157	0.870	ug/l		96
19) Methyl tert-butyl Ether	5.618	73	29113982	834.866	ug/l	#	85
22) Diisopropyl ether	6.501	45	676135	17.117	ug/l		88
25) 2-Butanone	7.340	43	1739955	146.437	ug/l		92
31) Cyclohexane	8.096	56	1742544	86.131	ug/l		89
39) Methylcyclohexane	9.462	83	1405777	78.445	ug/l		89
40) Benzene	8.461	78	19107991	414.933	ug/l		97
51) 4-Methyl-2-Pentanone	10.333	43	239543	11.128	ug/l		93
52) Toluene	10.505	92	5061642	180.035	ug/l		98
67) Ethyl Benzene	11.827	91	26452973m	472.224	ug/l		
68) m/p-Xylenes	11.940	106	28392075m	1392.006	ug/l		
69) o-Xylene	12.280	106	14370779	699.483	ug/l	#	1
73) Isopropylbenzene	12.578	105	7424846	116.535	ug/l		98
78) n-propylbenzene	12.913	91	17583159m	248.003	ug/l		
80) 1,3,5-Trimethylbenzene	13.047	105	20518973m	400.122	ug/l		
84) 1,2,4-Trimethylbenzene	13.350	105	27976498m	572.836	ug/l		
85) sec-Butylbenzene	13.501	105	602402	9.780	ug/l	#	64
86) p-Isopropyltoluene	13.616	119	307346m	6.384	ug/l		

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

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