Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028253.D
Acq On : 12 Oct 2023 04:03
Operator : MA/JU
Sample : 04805-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP-02

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 04:33:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	2429	0.400	ng		0.00
7) Naphthalene-d8	10.725	136	8706	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	6630	0.400	ng		-0.01
19) Phenanthrene-d10	17.319	188	12719	0.400	ng		0.00
29) Chrysene-d12	21.515	240	13026m	0.400	ng		0.00
35) Perylene-d12	23.987	264	24087	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	1871	0.258	ng		-0.01
5) Phenol-d6	7.077	99	2314	0.253	ng		-0.01
8) Nitrobenzene-d5	9.112	82	1833	0.247	ng		-0.01
11) 2-Methylnaphthalene-d10	12.313	152	2987	0.232	ng		-0.01
14) 2,4,6-Tribromophenol	16.065	330	684	0.225	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	4307	0.180	ng		-0.01
27) Fluoranthene-d10	19.351	212	8729	0.273	ng		0.00
31) Terphenyl-d14	19.941	244	9034	0.297	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.778	128	127242	5.657	ng		99
12) 2-Methylnaphthalene	12.385	142	31507	2.002	ng		97
16) Acenaphthylene	14.288	152	723839	24.645	ng		99
17) Acenaphthene	14.619	154	96449	5.152	ng		95
18) Fluorene	15.606	166	287387	11.819	ng	#	92
25) Phenanthrene	17.356	178	2392955	69.786	ng		99
26) Anthracene	17.455	178	916149	28.267	ng	#	92
28) Fluoranthene	19.384	202	2374366	59.999	ng		99
30) Pyrene	19.755	202	3168911	66.344	ng		97
32) Benzo(a)anthracene	21.497	228	1889417	42.626	ng		97
33) Chrysene	21.551	228	1615091	37.810	ng		97
34) Bis(2-ethylhexyl)phtha...	21.372	149	7638	0.262	ng		98
36) Indeno(1,2,3-cd)pyrene	26.577	276	779457	9.621	ng		97
37) Benzo(b)fluoranthene	23.224	252	1712766	22.017	ng	#	88
38) Benzo(k)fluoranthene	23.268	252	599070m	7.592	ng		
39) Benzo(a)pyrene	23.879	252	1670279m	22.707	ng		
40) Dibenzo(a,h)anthracene	26.580	278	240252	3.625	ng		98
41) Benzo(g,h,i)perylene	27.393	276	780627	11.475	ng		95

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

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