Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025708.D
Acq On : 29 May 2023 08:18
Operator : CG/JU
Sample : 02912-02MS
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 30 00:52:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	6983	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	19985	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	11181	0.400	ng		-0.01
19) Phenanthrene-d10	17.393	188	23200	0.400	ng		# 0.00
29) Chrysene-d12	21.569	240	14395	0.400	ng		0.00
35) Perylene-d12	24.066	264	12666	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	2385	0.133	ng		0.00
5) Phenol-d6	7.174	99	1710	0.080	ng		0.00
8) Nitrobenzene-d5	9.180	82	6052	0.362	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	11295	0.396	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1139	0.504	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	18382	0.398	ng		-0.01
27) Fluoranthene-d10	19.416	212	21307	0.405	ng		0.00
31) Terphenyl-d14	20.006	244	15542	0.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	16946	2.096	ng		99
3) n-Nitrosodimethylamine	3.758	42	757	0.087	ng	#	82
6) bis(2-Chloroethyl)ether	7.427	93	7328	0.332	ng	#	86
9) Naphthalene	10.878	128	19657	0.360	ng		99
10) Hexachlorobutadiene	11.166	225	3178	0.335	ng	#	96
12) 2-Methylnaphthalene	12.487	142	12898	0.343	ng		99
16) Acenaphthylene	14.373	152	18210	0.345	ng		99
17) Acenaphthene	14.705	154	12694	0.365	ng		99
18) Fluorene	15.693	166	17191	0.374	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	1498	0.571	ng	#	51
21) 4-Bromophenyl-phenylether	16.574	248	4998	0.379	ng		93
22) Hexachlorobenzene	16.698	284	4565	0.379	ng		97
23) Atrazine	16.835	200	4518	0.430	ng		99
24) Pentachlorophenol	17.046	266	2129	1.321	ng	#	86
25) Phenanthrene	17.430	178	28363	0.402	ng		99
26) Anthracene	17.530	178	24161	0.378	ng		99
28) Fluoranthene	19.449	202	29907	0.388	ng		99
30) Pyrene	19.806	202	30544	0.436	ng		99
32) Benzo(a)anthracene	21.560	228	22450	0.419	ng		98
33) Chrysene	21.614	228	23660	0.407	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	15647	0.479	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.671	276	21028	0.433	ng	#	61
37) Benzo(b)fluoranthene	23.303	252	21763	0.451	ng		94
38) Benzo(k)fluoranthene	23.353	252	22317m	0.444	ng		
39) Benzo(a)pyrene	23.955	252	17414	0.378	ng		96
40) Dibenzo(a,h)anthracene	26.697	278	15962	0.415	ng		96
41) Benzo(g,h,i)perylene	27.454	276	18588	0.423	ng		97

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

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