Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025423.D
Acq On : 12 May 2023 05:05
Operator : CG/JU
Sample : 02723-03MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-14-050923MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Quant Time: May 12 05:55:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	6930	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	22894	0.400	ng	# 0.00
13) Acenaphthene-d10	14.544	164	13798	0.400	ng	0.00
19) Phenanthrene-d10	17.286	188	29151	0.400	ng	#-0.01
29) Chrysene-d12	21.482	240	24558	0.400	ng	#-0.01
35) Perylene-d12	23.895	264	22310	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.455	112	7043	0.439	ng	0.00
5) Phenol-d6	7.073	99	8521	0.390	ng	0.00
8) Nitrobenzene-d5	9.074	82	5936	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.298	152	15528m	0.514	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	2053	0.279	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	16702	0.349	ng	-0.01
27) Fluoranthene-d10	19.325	212	27234	0.408	ng	0.00
31) Terphenyl-d14	19.916	244	20393	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	2559	0.400	ng	# 74
3) n-Nitrosodimethylamine	3.643	42	4882	0.475	ng	# 95
6) bis(2-Chloroethyl)ether	7.319	93	7530	0.452	ng	97
9) Naphthalene	10.750	128	24374	0.423	ng	99
10) Hexachlorobutadiene	11.027	225	4600	0.411	ng	# 99
12) 2-Methylnaphthalene	12.370	142	15933	0.400	ng	98
16) Acenaphthylene	14.266	152	24597	0.384	ng	99
17) Acenaphthene	14.598	154	16114	0.425	ng	100
18) Fluorene	15.592	166	20709	0.412	ng	99
20) 4,6-Dinitro-2-methylph...	15.722	198	403	0.429	ng	73
21) 4-Bromophenyl-phenylether	16.479	248	7644	0.465	ng	# 92
22) Hexachlorobenzene	16.603	284	7925	0.437	ng	99
23) Atrazine	16.752	200	5820	0.436	ng	# 95
24) Pentachlorophenol	16.951	266	3628	0.462	ng	98
25) Phenanthrene	17.336	178	32941	0.417	ng	99
26) Anthracene	17.423	178	30432	0.398	ng	99
28) Fluoranthene	19.355	202	41609	0.455	ng	99
30) Pyrene	19.717	202	43663	0.422	ng	100
32) Benzo(a)anthracene	21.464	228	36205	0.433	ng	96
33) Chrysene	21.518	228	35677	0.439	ng	96
34) Bis(2-ethylhexyl)phtha...	21.374	149	32543	0.403	ng	100
36) Indeno(1,2,3-cd)pyrene	26.407	276	33957	0.414	ng	98
37) Benzo(b)fluoranthene	23.156	252	32533	0.445	ng	# 90
38) Benzo(k)fluoranthene	23.205	252	32031	0.425	ng	# 90
39) Benzo(a)pyrene	23.787	252	27667	0.388	ng	# 88
40) Dibenzo(a,h)anthracene	26.418	278	27147	0.415	ng	# 89
41) Benzo(g,h,i)perylene	27.184	276	28697	0.415	ng	93

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

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