Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
Data File : BN024472.D
Acq On : 22 Mar 2023 07:40
Operator : CG/JU
Sample : SP6168
Misc : 8270 SIM SPIKE
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6168

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 08:16:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 04:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	10434	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	30728	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	15254	0.400	ng	0.00
19) Phenanthrene-d10	17.401	188	30280	0.400	ng	#-0.01
29) Chrysene-d12	21.592	240	18704	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	13798	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	4238	0.373	ng	# 65
3) n-Nitrosodimethylamine	3.750	42	7025	0.422	ng	# 99
6) bis(2-Chloroethyl)ether	7.441	93	13773	0.468	ng	96
9) Naphthalene	10.888	128	33036	0.423	ng	99
10) Hexachlorobutadiene	11.176	225	6513	0.440	ng	# 100
12) 2-Methylnaphthalene	12.497	142	20522	0.389	ng	99
16) Acenaphthylene	14.376	152	28086	0.388	ng	100
17) Acenaphthene	14.718	154	18574	0.403	ng	98
18) Fluorene	15.702	166	20947	0.381	ng	98
20) 4,6-Dinitro-2-methylph...	15.787	198	802	0.320	ng	98
21) 4-Bromophenyl-phenylether	16.594	248	7037	0.391	ng	# 90
22) Hexachlorobenzene	16.705	284	9580	0.434	ng	99
23) Atrazine	16.867	200	4761	0.417	ng	98
24) Pentachlorophenol	17.053	266	5455	0.535	ng	98
25) Phenanthrene	17.450	178	36412	0.406	ng	100
26) Anthracene	17.537	178	30806	0.372	ng	100
28) Fluoranthene	19.463	202	35123	0.358	ng	99
30) Pyrene	19.826	202	36149	0.477	ng	99
32) Benzo(a)anthracene	21.574	228	25212	0.404	ng	99
33) Chrysene	21.637	228	26372	0.396	ng	99
34) Bis(2-ethylhexyl)phtha...	21.485	149	13403	0.456	ng	100
36) Indeno(1,2,3-cd)pyrene	26.708	276	20718	0.401	ng	99
37) Benzo(b)fluoranthene	23.331	252	23334	0.435	ng	95
38) Benzo(k)fluoranthene	23.381	252	24011m	0.434	ng	
39) Benzo(a)pyrene	23.980	252	18005	0.366	ng	# 88
40) Dibenzo(a,h)anthracene	26.734	278	15904	0.397	ng	97
41) Benzo(g,h,i)perylene	27.515	276	20020	0.429	ng	100

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

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