Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036457.D
Acq On : 13 Feb 2025 01:23
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

Quant Time: Feb 13 01:53:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	2624	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	6835	0.400	ng	#	0.00
13) Acenaphthene-d10	14.388	164	4860	0.400	ng		0.00
19) Phenanthrene-d10	17.124	188	10226	0.400	ng	#	-0.01
29) Chrysene-d12	21.313	240	8310	0.400	ng		0.00
35) Perylene-d12	23.587	264	7438	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	2428	0.391	ng		0.00
5) Phenol-d6	6.923	99	2870	0.394	ng		-0.01
8) Nitrobenzene-d5	8.897	82	2596	0.385	ng		-0.01
11) 2-Methylnaphthalene-d10	12.131	152	4140	0.394	ng		-0.01
14) 2,4,6-Tribromophenol	15.883	330	829	0.344	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	7055	0.386	ng		-0.01
27) Fluoranthene-d10	19.164	212	10695	0.376	ng		0.00
31) Terphenyl-d14	19.764	244	7428	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1120	0.390	ng		97
3) n-Nitrosodimethylamine	3.579	42	1966	0.394	ng		96
6) bis(2-Chloroethyl)ether	7.176	93	2948	0.387	ng		99
9) Naphthalene	10.584	128	7591	0.385	ng		99
10) Hexachlorobutadiene	10.883	225	1864	0.388	ng	#	100
12) 2-Methylnaphthalene	12.207	142	5138	0.397	ng		98
16) Acenaphthylene	14.110	152	7797	0.363	ng		99
17) Acenaphthene	14.452	154	5235	0.365	ng		99
18) Fluorene	15.435	166	7538	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	689	0.343	ng	#	79
21) 4-Bromophenyl-phenylether	16.329	248	2408	0.395	ng	#	80
22) Hexachlorobenzene	16.441	284	2984	0.396	ng		98
23) Atrazine	16.603	200	1883	0.370	ng		95
24) Pentachlorophenol	16.789	266	1212	0.339	ng		100
25) Phenanthrene	17.173	178	11424	0.387	ng		100
26) Anthracene	17.260	178	10049	0.386	ng		99
28) Fluoranthene	19.192	202	13554	0.373	ng		99
30) Pyrene	19.555	202	13707	0.428	ng		99
32) Benzo(a)anthracene	21.304	228	10744	0.393	ng		100
33) Chrysene	21.358	228	11936	0.403	ng		98
34) Bis(2-ethylhexyl)phtha...	21.232	149	6561	0.385	ng		100
36) Indeno(1,2,3-cd)pyrene	25.885	276	9602	0.369	ng		98
37) Benzo(b)fluoranthene	22.903	252	10776m	0.440	ng		
38) Benzo(k)fluoranthene	22.946	252	10477	0.416	ng		99
39) Benzo(a)pyrene	23.487	252	8912	0.417	ng	#	92
40) Dibenzo(a,h)anthracene	25.899	278	7254	0.354	ng		99
41) Benzo(g,h,i)perylene	26.583	276	8333	0.358	ng		99

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

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