Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
Data File : BN035902.D
Acq On : 07 Jan 2025 18:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 07 22:16:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/08/2025
Supervised By :mohammad ahmed 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.832	152	1452	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	2753	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	1274	0.400	ng		0.00
19) Phenanthrene-d10	17.199	188	2352	0.400	ng		#-0.01
29) Chrysene-d12	21.385	240	1851	0.400	ng		0.00
35) Perylene-d12	23.683	264	2159	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.405	112	1376	0.386	ng		0.00
5) Phenol-d6	6.979	99	1696	0.383	ng		0.00
8) Nitrobenzene-d5	8.977	82	921	0.423	ng		0.00
11) 2-Methylnaphthalene-d10	12.213	152	1378	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.945	330	255	0.417	ng		-0.01
15) 2-Fluorobiphenyl	13.094	172	2279	0.408	ng		0.00
27) Fluoranthene-d10	19.230	212	2161	0.370	ng		0.00
31) Terphenyl-d14	19.834	244	1398	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	581	0.403	ng		95
3) n-Nitrosodimethylamine	3.628	42	1008	0.401	ng		100
6) bis(2-Chloroethyl)ether	7.247	93	1358	0.403	ng		97
9) Naphthalene	10.675	128	3077	0.398	ng		98
10) Hexachlorobutadiene	10.974	225	1008	0.402	ng	#	99
12) 2-Methylnaphthalene	12.289	142	1821	0.381	ng		98
16) Acenaphthylene	14.174	152	2402	0.400	ng		99
17) Acenaphthene	14.527	154	1586	0.403	ng		97
18) Fluorene	15.511	166	1613	0.373	ng		98
20) 4,6-Dinitro-2-methylph...	15.573	198	194	0.475	ng		86
21) 4-Bromophenyl-phenylether	16.404	248	650	0.403	ng	#	78
22) Hexachlorobenzene	16.516	284	900	0.409	ng		98
23) Atrazine	16.665	200	410	0.379	ng	#	93
24) Pentachlorophenol	16.851	266	327	0.420	ng		98
25) Phenanthrene	17.248	178	2714	0.395	ng		99
26) Anthracene	17.335	178	2419	0.387	ng		98
28) Fluoranthene	19.262	202	2953	0.369	ng		99
30) Pyrene	19.620	202	3018	0.402	ng		99
32) Benzo(a)anthracene	21.367	228	2584	0.396	ng		99
33) Chrysene	21.421	228	2729	0.400	ng		98
34) Bis(2-ethylhexyl)phtha...	21.313	149	1090	0.411	ng		100
36) Indeno(1,2,3-cd)pyrene	26.040	276	3218	0.378	ng		98
37) Benzo(b)fluoranthene	22.991	252	2788	0.376	ng	#	96
38) Benzo(k)fluoranthene	23.037	252	2848m	0.388	ng		
39) Benzo(a)pyrene	23.587	252	2395	0.373	ng		95
40) Dibenzo(a,h)anthracene	26.058	278	2545	0.376	ng		96
41) Benzo(g,h,i)perylene	26.750	276	2881	0.380	ng		99

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

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