Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
Data File : BN036000.D
Acq On : 20 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

Quant Time: Jan 20 17:29:00 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	2210	0.400	ng		-0.02
7) Naphthalene-d8	10.611	136	4309	0.400	ng		#-0.01
13) Acenaphthene-d10	14.452	164	2121	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	3983	0.400	ng		-0.02
29) Chrysene-d12	21.367	240	3167	0.400	ng		-0.02
35) Perylene-d12	23.666	264	3290	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.390	112	2542	0.469	ng		-0.02
5) Phenol-d6	6.972	99	2979	0.442	ng		-0.01
8) Nitrobenzene-d5	8.956	82	1855	0.544	ng		-0.03
11) 2-Methylnaphthalene-d10	12.198	152	2501	0.434	ng		-0.02
14) 2,4,6-Tribromophenol	15.933	330	497	0.488	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	4137	0.444	ng		-0.02
27) Fluoranthene-d10	19.221	212	4081	0.413	ng		-0.02
31) Terphenyl-d14	19.815	244	2866	0.454	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	1068	0.487	ng		99
3) n-Nitrosodimethylamine	3.621	42	1932	0.504	ng	#	98
6) bis(2-Chloroethyl)ether	7.232	93	2472	0.482	ng		97
9) Naphthalene	10.654	128	5411	0.447	ng		97
10) Hexachlorobutadiene	10.953	225	1718	0.437	ng	#	99
12) 2-Methylnaphthalene	12.269	142	3275	0.438	ng		99
16) Acenaphthylene	14.164	152	4225	0.423	ng		99
17) Acenaphthene	14.506	154	2843	0.434	ng		99
18) Fluorene	15.500	166	3587	0.498	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	256	0.370	ng		94
21) 4-Bromophenyl-phenylether	16.379	248	1236	0.453	ng	#	88
22) Hexachlorobenzene	16.504	284	1595	0.428	ng		97
23) Atrazine	16.653	200	839	0.458	ng	#	87
24) Pentachlorophenol	16.839	266	597	0.453	ng		97
25) Phenanthrene	17.223	178	5041	0.434	ng		99
26) Anthracene	17.323	178	4488	0.424	ng		99
28) Fluoranthene	19.248	202	5508	0.407	ng		99
30) Pyrene	19.611	202	5550	0.432	ng		99
32) Benzo(a)anthracene	21.349	228	4679	0.419	ng		98
33) Chrysene	21.403	228	4915	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	2577	0.567	ng		98
36) Indeno(1,2,3-cd)pyrene	26.002	276	5439	0.419	ng		99
37) Benzo(b)fluoranthene	22.973	252	4943m	0.437	ng		
38) Benzo(k)fluoranthene	23.020	252	4806	0.430	ng		98
39) Benzo(a)pyrene	23.567	252	4125	0.422	ng		96
40) Dibenzo(a,h)anthracene	26.019	278	4327	0.419	ng		100
41) Benzo(g,h,i)perylene	26.718	276	4707	0.408	ng		98

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

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