Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
Data File : BN036534.D
Acq On : 06 Mar 2025 14:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 15:34:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Anahy Claudio
03/07/2025
Supervised By :Jagrut Upadhyay
03/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2140	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	5254	0.400	ng	#	0.01
13) Acenaphthene-d10	14.366	164	3388	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6841	0.400	ng		0.00
29) Chrysene-d12	21.295	240	5806	0.400	ng	#	0.00
35) Perylene-d12	23.557	264	5637	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1749	0.346	ng		0.00
5) Phenol-d6	6.901	99	2079	0.350	ng		0.00
8) Nitrobenzene-d5	8.875	82	1874	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	2727	0.338	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	482	0.287	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	5980	0.469	ng		0.00
27) Fluoranthene-d10	19.146	212	6680	0.351	ng		0.00
31) Terphenyl-d14	19.745	244	4527	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	871	0.372	ng		98
3) n-Nitrosodimethylamine	3.557	42	1671	0.411	ng		91
6) bis(2-Chloroethyl)ether	7.154	93	2269	0.366	ng		99
9) Naphthalene	10.562	128	5328	0.351	ng		99
10) Hexachlorobutadiene	10.861	225	1304	0.353	ng	#	100
12) 2-Methylnaphthalene	12.187	142	3235	0.325	ng		97
16) Acenaphthylene	14.088	152	5109	0.341	ng		99
17) Acenaphthene	14.430	154	3420	0.342	ng		99
18) Fluorene	15.414	166	4649	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.510	198	351	0.261	ng	#	75
21) 4-Bromophenyl-phenylether	16.317	248	1408	0.345	ng	#	76
22) Hexachlorobenzene	16.429	284	1769	0.351	ng		96
23) Atrazine	16.577	200	1167	0.342	ng	#	91
24) Pentachlorophenol	16.776	266	811	0.339	ng		99
25) Phenanthrene	17.148	178	7023	0.355	ng		100
26) Anthracene	17.248	178	6384	0.366	ng		99
28) Fluoranthene	19.173	202	8662	0.356	ng		99
30) Pyrene	19.536	202	8963	0.401	ng		100
32) Benzo(a)anthracene	21.286	228	7051	0.369	ng		99
33) Chrysene	21.331	228	8095	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4839	0.407	ng		98
36) Indeno(1,2,3-cd)pyrene	25.841	276	7469	0.379	ng		98
37) Benzo(b)fluoranthene	22.876	252	7561m	0.407	ng		
38) Benzo(k)fluoranthene	22.920	252	7496	0.392	ng		97
39) Benzo(a)pyrene	23.458	252	6413	0.396	ng	#	78
40) Dibenzo(a,h)anthracene	25.861	278	5768	0.371	ng		94
41) Benzo(g,h,i)perylene	26.536	276	6588	0.374	ng		98

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

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