Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036532.D
Acq On : 05 Mar 2025 19:55
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 06 00:03:27 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2061	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	4969	0.400	ng	#	0.01
13) Acenaphthene-d10	14.366	164	3255	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	6522	0.400	ng		0.00
29) Chrysene-d12	21.304	240	5520	0.400	ng	#	0.00
35) Perylene-d12	23.554	264	5583	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1844	0.379	ng		0.00
5) Phenol-d6	6.901	99	2180	0.381	ng		0.00
8) Nitrobenzene-d5	8.875	82	1996	0.407	ng		0.00
11) 2-Methylnaphthalene-d10	12.116	152	2849	0.373	ng		0.01
14) 2,4,6-Tribromophenol	15.870	330	505	0.313	ng		0.01
15) 2-Fluorobiphenyl	12.993	172	6095	0.498	ng		0.00
27) Fluoranthene-d10	19.146	212	7039	0.388	ng		0.00
31) Terphenyl-d14	19.745	244	4751	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	941	0.417	ng		97
3) n-Nitrosodimethylamine	3.557	42	1790	0.457	ng		92
6) bis(2-Chloroethyl)ether	7.154	93	2364	0.396	ng		99
9) Naphthalene	10.562	128	5646	0.394	ng		99
10) Hexachlorobutadiene	10.861	225	1391	0.399	ng	#	99
12) 2-Methylnaphthalene	12.187	142	3553	0.378	ng		97
16) Acenaphthylene	14.088	152	5459	0.380	ng		99
17) Acenaphthene	14.430	154	3608	0.376	ng		98
18) Fluorene	15.414	166	4982	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.510	198	380	0.297	ng	#	83
21) 4-Bromophenyl-phenylether	16.317	248	1518	0.390	ng	#	78
22) Hexachlorobenzene	16.429	284	1859	0.387	ng		96
23) Atrazine	16.590	200	1262	0.388	ng		97
24) Pentachlorophenol	16.776	266	801	0.351	ng		98
25) Phenanthrene	17.149	178	7491	0.397	ng		100
26) Anthracene	17.248	178	6696	0.403	ng		99
28) Fluoranthene	19.174	202	9074	0.392	ng		100
30) Pyrene	19.536	202	9367	0.441	ng		100
32) Benzo(a)anthracene	21.286	228	7308	0.402	ng		100
33) Chrysene	21.340	228	8235	0.419	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4739	0.419	ng		99
36) Indeno(1,2,3-cd)pyrene	25.844	276	8122	0.416	ng		99
37) Benzo(b)fluoranthene	22.876	252	7715m	0.420	ng		
38) Benzo(k)fluoranthene	22.920	252	8080	0.427	ng		100
39) Benzo(a)pyrene	23.458	252	6903	0.430	ng	#	85
40) Dibenzo(a,h)anthracene	25.861	278	6252	0.406	ng		99
41) Benzo(g,h,i)perylene	26.540	276	7233	0.414	ng		97

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

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