Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036555.D
Acq On : 07 Mar 2025 19:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 22:11:51 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	7.724	152	2404	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5762	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	3649	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	7169	0.400	ng	0.00
29) Chrysene-d12	21.295	240	5734	0.400	ng	0.00
35) Perylene-d12	23.554	264	5406	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1944	0.342	ng	0.00
5) Phenol-d6	6.901	99	2328	0.349	ng	0.00
8) Nitrobenzene-d5	8.875	82	2133	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	2933	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	532	0.294	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	6643	0.484	ng	0.00
27) Fluoranthene-d10	19.146	212	6861	0.344	ng	0.00
31) Terphenyl-d14	19.745	244	4492	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	952m	0.362	ng	
3) n-Nitrosodimethylamine	3.557	42	1897	0.415	ng	# 88
6) bis(2-Chloroethyl)ether	7.154	93	2430	0.349	ng	96
9) Naphthalene	10.562	128	5987	0.360	ng	100
10) Hexachlorobutadiene	10.850	225	1492	0.369	ng	# 100
12) 2-Methylnaphthalene	12.182	142	3670	0.337	ng	96
16) Acenaphthylene	14.088	152	5604	0.348	ng	98
17) Acenaphthene	14.430	154	3692	0.343	ng	97
18) Fluorene	15.414	166	5162	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.510	198	383	0.272	ng	86
21) 4-Bromophenyl-phenylether	16.304	248	1510	0.353	ng	91
22) Hexachlorobenzene	16.416	284	1874	0.355	ng	94
23) Atrazine	16.590	200	1213	0.340	ng	99
24) Pentachlorophenol	16.776	266	786	0.313	ng	98
25) Phenanthrene	17.149	178	7552	0.364	ng	100
26) Anthracene	17.248	178	6641	0.363	ng	100
28) Fluoranthene	19.174	202	9013	0.354	ng	100
30) Pyrene	19.536	202	9135	0.414	ng	99
32) Benzo(a)anthracene	21.286	228	6834	0.362	ng	99
33) Chrysene	21.331	228	7791	0.381	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4478	0.381	ng	100
36) Indeno(1,2,3-cd)pyrene	25.838	276	7176	0.380	ng	97
37) Benzo(b)fluoranthene	22.876	252	7372m	0.414	ng	
38) Benzo(k)fluoranthene	22.920	252	7354	0.401	ng	99
39) Benzo(a)pyrene	23.458	252	6349	0.409	ng	# 80
40) Dibenzo(a,h)anthracene	25.861	278	5353	0.359	ng	98
41) Benzo(g,h,i)perylene	26.539	276	6394	0.378	ng	97

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

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