Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036807.D
Acq On : 29 Mar 2025 12:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 31 02:01:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	1976	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	4956	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	3044	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	6169	0.400	ng		#-0.02
29) Chrysene-d12	21.268	240	4366	0.400	ng		-0.03
35) Perylene-d12	23.516	264	3818	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1649	0.358	ng		-0.02
5) Phenol-d6	6.865	99	1932	0.340	ng		-0.04
8) Nitrobenzene-d5	8.843	82	1802	0.334	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2608	0.354	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	513	0.371	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	5830	0.329	ng		-0.03
27) Fluoranthene-d10	19.118	212	6077	0.384	ng		-0.02
31) Terphenyl-d14	19.722	244	3821	0.365	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	902	0.411	ng		97
3) n-Nitrosodimethylamine	3.535	42	1839	0.415	ng		92
6) bis(2-Chloroethyl)ether	7.125	93	1990	0.338	ng		99
9) Naphthalene	10.530	128	5183	0.356	ng		99
10) Hexachlorobutadiene	10.818	225	1228	0.358	ng	#	100
12) 2-Methylnaphthalene	12.151	142	3312	0.357	ng		98
16) Acenaphthylene	14.056	152	5001	0.348	ng		99
17) Acenaphthene	14.398	154	3395	0.361	ng		99
18) Fluorene	15.382	166	4624	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	475	0.447	ng	#	73
21) 4-Bromophenyl-phenylether	16.280	248	1424	0.368	ng		93
22) Hexachlorobenzene	16.391	284	1729	0.371	ng		97
23) Atrazine	16.553	200	1168	0.377	ng		96
24) Pentachlorophenol	16.739	266	792	0.372	ng		99
25) Phenanthrene	17.124	178	6985	0.377	ng		100
26) Anthracene	17.211	178	6251	0.374	ng		98
28) Fluoranthene	19.146	202	8157	0.392	ng		98
30) Pyrene	19.508	202	8270	0.387	ng		100
32) Benzo(a)anthracene	21.259	228	5377	0.354	ng		100
33) Chrysene	21.304	228	6263	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4162	0.385	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.779	276	5188	0.376	ng		93
37) Benzo(b)fluoranthene	22.841	252	5191	0.374	ng		98
38) Benzo(k)fluoranthene	22.885	252	5835m	0.400	ng		
39) Benzo(a)pyrene	23.417	252	4547	0.389	ng		96
40) Dibenzo(a,h)anthracene	25.800	278	4113m	0.383	ng		
41) Benzo(g,h,i)perylene	26.472	276	4558	0.371	ng		95

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

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