Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036736.D
Acq On : 27 Mar 2025 14:02
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 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 27 14:28:04 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	7.703	152	1995	0.400	ng		-0.02
7) Naphthalene-d8	10.487	136	4873	0.400	ng		-0.02
13) Acenaphthene-d10	14.345	164	2980	0.400	ng		-0.02
19) Phenanthrene-d10	17.086	188	6276	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	5211	0.400	ng		-0.02
35) Perylene-d12	23.525	264	4739	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1732	0.373	ng		-0.02
5) Phenol-d6	6.872	99	2011	0.350	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1760	0.332	ng		-0.02
11) 2-Methylnaphthalene-d10	12.085	152	2584	0.356	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	518	0.383	ng		-0.02
15) 2-Fluorobiphenyl	12.968	172	5972	0.344	ng		-0.02
27) Fluoranthene-d10	19.122	212	6412	0.399	ng		-0.02
31) Terphenyl-d14	19.726	244	4220	0.338	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	979	0.442	ng		93
3) n-Nitrosodimethylamine	3.543	42	1688	0.377	ng		98
6) bis(2-Chloroethyl)ether	7.132	93	2087	0.352	ng		99
9) Naphthalene	10.530	128	5118	0.357	ng		99
10) Hexachlorobutadiene	10.829	225	1232	0.365	ng	#	96
12) 2-Methylnaphthalene	12.156	142	3238	0.355	ng		99
16) Acenaphthylene	14.056	152	4782	0.340	ng		100
17) Acenaphthene	14.398	154	3313	0.360	ng		100
18) Fluorene	15.392	166	4544	0.365	ng		99
20) 4,6-Dinitro-2-methylph...	15.489	198	478	0.444	ng	#	75
21) 4-Bromophenyl-phenylether	16.292	248	1431	0.364	ng	#	76
22) Hexachlorobenzene	16.404	284	1682	0.354	ng		96
23) Atrazine	16.565	200	1221	0.387	ng		95
24) Pentachlorophenol	16.751	266	801	0.370	ng		98
25) Phenanthrene	17.124	178	7195	0.382	ng		100
26) Anthracene	17.223	178	6283	0.370	ng		100
28) Fluoranthene	19.150	202	8617	0.407	ng		99
30) Pyrene	19.513	202	8868	0.348	ng		100
32) Benzo(a)anthracene	21.259	228	6412	0.354	ng		98
33) Chrysene	21.313	228	7670	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4505	0.349	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.791	276	6199	0.362	ng		98
37) Benzo(b)fluoranthene	22.847	252	6514	0.378	ng		95
38) Benzo(k)fluoranthene	22.891	252	7579m	0.419	ng		
39) Benzo(a)pyrene	23.426	252	5338	0.368	ng		94
40) Dibenzo(a,h)anthracene	25.808	278	4803	0.361	ng		95
41) Benzo(g,h,i)perylene	26.481	276	5667	0.372	ng		98

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

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