Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036789.D
Acq On : 29 Mar 2025 00:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 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 29 01:57:50 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	1603	0.400	ng		-0.03
7) Naphthalene-d8	10.487	136	3990	0.400	ng		#-0.02
13) Acenaphthene-d10	14.334	164	2534	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	5432	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	4742	0.400	ng		#-0.02
35) Perylene-d12	23.516	264	4392	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1346	0.360	ng		-0.02
5) Phenol-d6	6.872	99	1556	0.337	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1480	0.341	ng		-0.03
11) 2-Methylnaphthalene-d10	12.080	152	2109	0.355	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	450	0.391	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	4866	0.330	ng		-0.03
27) Fluoranthene-d10	19.118	212	5616	0.403	ng		-0.02
31) Terphenyl-d14	19.722	244	3703	0.326	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	695	0.391	ng		98
3) n-Nitrosodimethylamine	3.543	42	1396	0.388	ng		93
6) bis(2-Chloroethyl)ether	7.125	93	1599	0.335	ng		97
9) Naphthalene	10.530	128	4134	0.352	ng		99
10) Hexachlorobutadiene	10.818	225	1026	0.371	ng	#	97
12) 2-Methylnaphthalene	12.156	142	2744	0.367	ng		98
16) Acenaphthylene	14.056	152	4217	0.353	ng		98
17) Acenaphthene	14.398	154	2811	0.359	ng		99
18) Fluorene	15.392	166	3945	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	419	0.448	ng		84
21) 4-Bromophenyl-phenylether	16.280	248	1262	0.371	ng		96
22) Hexachlorobenzene	16.391	284	1487	0.362	ng		95
23) Atrazine	16.553	200	1073	0.393	ng		96
24) Pentachlorophenol	16.739	266	722	0.385	ng		98
25) Phenanthrene	17.124	178	6223	0.382	ng		99
26) Anthracene	17.223	178	5484	0.373	ng		99
28) Fluoranthene	19.146	202	7639	0.417	ng		98
30) Pyrene	19.513	202	7743	0.334	ng		100
32) Benzo(a)anthracene	21.259	228	5885	0.357	ng		99
33) Chrysene	21.304	228	6911	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3944	0.336	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.779	276	5807	0.366	ng		94
37) Benzo(b)fluoranthene	22.841	252	6060	0.379	ng		96
38) Benzo(k)fluoranthene	22.882	252	6533m	0.390	ng		
39) Benzo(a)pyrene	23.417	252	5189	0.386	ng		96
40) Dibenzo(a,h)anthracene	25.797	278	4700m	0.381	ng		
41) Benzo(g,h,i)perylene	26.469	276	5171	0.366	ng		96

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

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