Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033125\
Data File : BN036809.D
Acq On : 31 Mar 2025 10:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 31 12:10:51 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	1888	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	4656	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	2798	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	5809	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	4586	0.400	ng		#-0.02
35) Perylene-d12	23.522	264	3945	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	1544	0.351	ng		-0.03
5) Phenol-d6	6.865	99	1799	0.331	ng		-0.04
8) Nitrobenzene-d5	8.843	82	1689	0.333	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2501	0.361	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	451	0.355	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	5537	0.340	ng		-0.03
27) Fluoranthene-d10	19.118	212	5750	0.386	ng		-0.02
31) Terphenyl-d14	19.722	244	3660	0.333	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	857	0.409	ng		96
3) n-Nitrosodimethylamine	3.535	42	1677	0.396	ng		93
6) bis(2-Chloroethyl)ether	7.125	93	1889	0.336	ng		98
9) Naphthalene	10.530	128	4851	0.354	ng		99
10) Hexachlorobutadiene	10.818	225	1142	0.354	ng	#	98
12) 2-Methylnaphthalene	12.151	142	3144	0.361	ng		99
16) Acenaphthylene	14.056	152	4617	0.350	ng		99
17) Acenaphthene	14.398	154	3162	0.366	ng		99
18) Fluorene	15.382	166	4232	0.362	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	405	0.419	ng		86
21) 4-Bromophenyl-phenylether	16.280	248	1292	0.355	ng		93
22) Hexachlorobenzene	16.391	284	1587	0.361	ng		97
23) Atrazine	16.553	200	1096	0.376	ng		98
24) Pentachlorophenol	16.739	266	743	0.371	ng		98
25) Phenanthrene	17.124	178	6581	0.378	ng		100
26) Anthracene	17.211	178	5583	0.355	ng		100
28) Fluoranthene	19.150	202	7591	0.388	ng		99
30) Pyrene	19.513	202	7799	0.348	ng		100
32) Benzo(a)anthracene	21.259	228	5377	0.337	ng		98
33) Chrysene	21.313	228	6640	0.381	ng		98
34) Bis(2-ethylhexyl)phtha...	21.196	149	4143	0.365	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.782	276	5019	0.352	ng		94
37) Benzo(b)fluoranthene	22.844	252	5495	0.383	ng		98
38) Benzo(k)fluoranthene	22.888	252	5737m	0.381	ng		
39) Benzo(a)pyrene	23.423	252	4679	0.387	ng		96
40) Dibenzo(a,h)anthracene	25.805	278	3655	0.330	ng		99
41) Benzo(g,h,i)perylene	26.472	276	4543	0.358	ng		97

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

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