Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036771.D
Acq On : 28 Mar 2025 13:58
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 03/31/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 14:23:03 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	1636	0.400	ng		-0.03
7) Naphthalene-d8	10.487	136	4177	0.400	ng		#-0.02
13) Acenaphthene-d10	14.334	164	2615	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	5571	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	4555	0.400	ng		#-0.02
35) Perylene-d12	23.516	264	4167	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1384	0.363	ng		-0.02
5) Phenol-d6	6.872	99	1653	0.351	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1480	0.326	ng		-0.02
11) 2-Methylnaphthalene-d10	12.080	152	2256	0.363	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	464	0.391	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	5285	0.347	ng		-0.03
27) Fluoranthene-d10	19.118	212	5637	0.395	ng		-0.02
31) Terphenyl-d14	19.722	244	3716	0.341	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	752	0.414	ng		97
3) n-Nitrosodimethylamine	3.535	42	1423	0.388	ng		97
6) bis(2-Chloroethyl)ether	7.125	93	1671	0.343	ng		98
9) Naphthalene	10.530	128	4359	0.355	ng		98
10) Hexachlorobutadiene	10.818	225	1044	0.361	ng	#	99
12) 2-Methylnaphthalene	12.156	142	2874	0.368	ng		98
16) Acenaphthylene	14.056	152	4358	0.353	ng		99
17) Acenaphthene	14.398	154	2946	0.365	ng		100
18) Fluorene	15.393	166	4111	0.376	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	428	0.446	ng		87
21) 4-Bromophenyl-phenylether	16.280	248	1300	0.372	ng		96
22) Hexachlorobenzene	16.391	284	1537	0.365	ng		96
23) Atrazine	16.553	200	1063	0.380	ng		97
24) Pentachlorophenol	16.739	266	702	0.365	ng		95
25) Phenanthrene	17.124	178	6367	0.381	ng		99
26) Anthracene	17.223	178	5569	0.369	ng		100
28) Fluoranthene	19.150	202	7617	0.406	ng		99
30) Pyrene	19.513	202	7795	0.350	ng		99
32) Benzo(a)anthracene	21.259	228	5566	0.351	ng		99
33) Chrysene	21.313	228	6726	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3968	0.352	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.782	276	5233	0.348	ng		96
37) Benzo(b)fluoranthene	22.844	252	5720	0.377	ng		97
38) Benzo(k)fluoranthene	22.888	252	5791m	0.364	ng		
39) Benzo(a)pyrene	23.420	252	4867	0.381	ng		96
40) Dibenzo(a,h)anthracene	25.800	278	3914	0.334	ng		96
41) Benzo(g,h,i)perylene	26.475	276	4758	0.355	ng		95

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

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