Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036738.D
Acq On : 27 Mar 2025 15:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 27 16:33:11 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	1523	0.400	ng		-0.02
7) Naphthalene-d8	10.487	136	3803	0.400	ng		-0.02
13) Acenaphthene-d10	14.345	164	2348	0.400	ng		-0.02
19) Phenanthrene-d10	17.086	188	4989	0.400	ng		#-0.02
29) Chrysene-d12	21.277	240	4385	0.400	ng		-0.02
35) Perylene-d12	23.525	264	4045	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1294	0.365	ng		-0.02
5) Phenol-d6	6.872	99	1536	0.350	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1363	0.329	ng		-0.02
11) 2-Methylnaphthalene-d10	12.085	152	2034	0.360	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	414	0.389	ng		-0.02
15) 2-Fluorobiphenyl	12.968	172	4725	0.346	ng		-0.02
27) Fluoranthene-d10	19.122	212	5220	0.408	ng		-0.02
31) Terphenyl-d14	19.726	244	3465	0.330	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	721	0.427	ng		93
3) n-Nitrosodimethylamine	3.535	42	1301	0.381	ng	#	99
6) bis(2-Chloroethyl)ether	7.132	93	1533	0.338	ng		95
9) Naphthalene	10.541	128	4045	0.362	ng		98
10) Hexachlorobutadiene	10.829	225	955	0.363	ng	#	98
12) 2-Methylnaphthalene	12.156	142	2514	0.353	ng		96
16) Acenaphthylene	14.056	152	3861	0.348	ng		100
17) Acenaphthene	14.398	154	2582	0.356	ng		99
18) Fluorene	15.392	166	3631	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.489	198	370	0.436	ng		81
21) 4-Bromophenyl-phenylether	16.292	248	1147	0.367	ng	#	80
22) Hexachlorobenzene	16.404	284	1358	0.360	ng		97
23) Atrazine	16.565	200	991	0.395	ng		95
24) Pentachlorophenol	16.751	266	662	0.385	ng		95
25) Phenanthrene	17.124	178	5704	0.381	ng		100
26) Anthracene	17.223	178	4989	0.369	ng		99
28) Fluoranthene	19.150	202	6959	0.414	ng		99
30) Pyrene	19.517	202	7305	0.341	ng		100
32) Benzo(a)anthracene	21.259	228	5558	0.365	ng		98
33) Chrysene	21.313	228	6163	0.370	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3633	0.335	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.791	276	5346	0.366	ng		98
37) Benzo(b)fluoranthene	22.850	252	5508	0.374	ng		97
38) Benzo(k)fluoranthene	22.893	252	5730m	0.371	ng		
39) Benzo(a)pyrene	23.426	252	4841	0.391	ng		96
40) Dibenzo(a,h)anthracene	25.814	278	4114	0.362	ng		95
41) Benzo(g,h,i)perylene	26.481	276	4859	0.374	ng		97

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

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