Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
Data File : BN036492.D
Acq On : 24 Feb 2025 10:49
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 24 11:35:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	2546	0.400	ng		-0.01
7) Naphthalene-d8	10.530	136	6147	0.400	ng		-0.01
13) Acenaphthene-d10	14.377	164	4030	0.400	ng		-0.01
19) Phenanthrene-d10	17.124	188	8380	0.400	ng		-0.01
29) Chrysene-d12	21.313	240	7132	0.400	ng		0.00
35) Perylene-d12	23.581	264	6830	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	2226	0.370	ng		-0.01
5) Phenol-d6	6.915	99	2650	0.375	ng		-0.02
8) Nitrobenzene-d5	8.897	82	2368	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3539	0.375	ng		-0.02
14) 2,4,6-Tribromophenol	15.870	330	667	0.334	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	6941	0.458	ng		-0.01
27) Fluoranthene-d10	19.160	212	8784	0.377	ng		0.00
31) Terphenyl-d14	19.763	244	5976	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1119	0.402	ng		97
3) n-Nitrosodimethylamine	3.571	42	2070	0.428	ng	#	96
6) bis(2-Chloroethyl)ether	7.168	93	2949	0.399	ng		98
9) Naphthalene	10.583	128	6900	0.389	ng		99
10) Hexachlorobutadiene	10.872	225	1653	0.383	ng	#	100
12) 2-Methylnaphthalene	12.202	142	4471	0.384	ng		99
16) Acenaphthylene	14.099	152	6457	0.363	ng		99
17) Acenaphthene	14.441	154	4421	0.372	ng		99
18) Fluorene	15.435	166	6280	0.371	ng		100
20) 4,6-Dinitro-2-methylph...	15.510	198	552	0.336	ng		94
21) 4-Bromophenyl-phenylether	16.329	248	1988	0.398	ng	#	74
22) Hexachlorobenzene	16.441	284	2485	0.403	ng		97
23) Atrazine	16.602	200	1521	0.364	ng		96
24) Pentachlorophenol	16.788	266	1028	0.351	ng		98
25) Phenanthrene	17.161	178	9637	0.398	ng		100
26) Anthracene	17.260	178	8338	0.390	ng		99
28) Fluoranthene	19.187	202	11461	0.385	ng		99
30) Pyrene	19.550	202	11612	0.423	ng		99
32) Benzo(a)anthracene	21.295	228	9088	0.387	ng		98
33) Chrysene	21.348	228	10688	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5314	0.363	ng		100
36) Indeno(1,2,3-cd)pyrene	25.870	276	9456	0.396	ng		99
37) Benzo(b)fluoranthene	22.896	252	9651	0.429	ng		97
38) Benzo(k)fluoranthene	22.943	252	9731	0.420	ng		100
39) Benzo(a)pyrene	23.481	252	8162	0.416	ng		95
40) Dibenzo(a,h)anthracene	25.887	278	7176	0.381	ng		98
41) Benzo(g,h,i)perylene	26.571	276	8331	0.390	ng		97

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

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