Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021325\
Data File : BN036459.D
Acq On : 13 Feb 2025 09:48
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 13 10:19:40 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	7.746	152	2295	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	6046	0.400	ng	#	0.00
13) Acenaphthene-d10	14.388	164	4260	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	9055	0.400	ng	#	0.00
29) Chrysene-d12	21.322	240	8060	0.400	ng	#	0.00
35) Perylene-d12	23.590	264	7613	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	2082	0.384	ng		0.00
5) Phenol-d6	6.923	99	2499	0.393	ng		-0.01
8) Nitrobenzene-d5	8.897	82	2249	0.377	ng		-0.01
11) 2-Methylnaphthalene-d10	12.131	152	3635	0.391	ng		-0.01
14) 2,4,6-Tribromophenol	15.883	330	683	0.323	ng		0.00
15) 2-Fluorobiphenyl	13.009	172	6058	0.378	ng		-0.01
27) Fluoranthene-d10	19.164	212	9538	0.379	ng		0.00
31) Terphenyl-d14	19.764	244	6621	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	988	0.393	ng		99
3) n-Nitrosodimethylamine	3.579	42	1708	0.392	ng		99
6) bis(2-Chloroethyl)ether	7.176	93	2655	0.399	ng		100
9) Naphthalene	10.584	128	6748	0.387	ng		99
10) Hexachlorobutadiene	10.872	225	1612	0.380	ng	#	99
12) 2-Methylnaphthalene	12.207	142	4416	0.386	ng		99
16) Acenaphthylene	14.099	152	6811	0.362	ng		99
17) Acenaphthene	14.452	154	4644	0.370	ng		99
18) Fluorene	15.435	166	6610	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	580	0.326	ng	#	82
21) 4-Bromophenyl-phenylether	16.329	248	2091	0.387	ng	#	81
22) Hexachlorobenzene	16.441	284	2609	0.391	ng		98
23) Atrazine	16.602	200	1588	0.352	ng		96
24) Pentachlorophenol	16.789	266	1066	0.337	ng		96
25) Phenanthrene	17.173	178	10198	0.390	ng		100
26) Anthracene	17.260	178	8887	0.385	ng		100
28) Fluoranthene	19.197	202	12129	0.377	ng		99
30) Pyrene	19.559	202	12323	0.397	ng		99
32) Benzo(a)anthracene	21.304	228	10305	0.389	ng		99
33) Chrysene	21.358	228	12019	0.419	ng		97
34) Bis(2-ethylhexyl)phtha...	21.241	149	5624	0.340	ng		99
36) Indeno(1,2,3-cd)pyrene	25.887	276	9599	0.361	ng		100
37) Benzo(b)fluoranthene	22.902	252	10269	0.410	ng		98
38) Benzo(k)fluoranthene	22.952	252	10723	0.416	ng		99
39) Benzo(a)pyrene	23.490	252	8881	0.406	ng		95
40) Dibenzo(a,h)anthracene	25.902	278	7499	0.357	ng		98
41) Benzo(g,h,i)perylene	26.586	276	8475	0.356	ng		99

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

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