Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033357.D
Acq On : 13 Aug 2024 08:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 13 10:45:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	3864	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	10668	0.400	ng		# 0.00
13) Acenaphthene-d10	14.212	164	6200	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	15498	0.400	ng		0.00
29) Chrysene-d12	21.166	240	12286	0.400	ng		0.00
35) Perylene-d12	23.349	264	11784	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3953	0.370	ng		0.00
5) Phenol-d6	6.749	99	5403	0.375	ng		0.00
8) Nitrobenzene-d5	8.704	82	3209	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	11.936	152	6224	0.379	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	1063	0.334	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10450	0.411	ng		0.00
27) Fluoranthene-d10	18.998	212	14952	0.361	ng		0.00
31) Terphenyl-d14	19.615	244	9354	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1738	0.405	ng		97
3) n-Nitrosodimethylamine	3.485	42	2362	0.427	ng	#	86
6) bis(2-Chloroethyl)ether	7.009	93	4474	0.383	ng		97
9) Naphthalene	10.391	128	11777	0.400	ng		99
10) Hexachlorobutadiene	10.690	225	2383	0.425	ng	#	100
12) 2-Methylnaphthalene	12.011	142	7701	0.388	ng		99
16) Acenaphthylene	13.924	152	10938	0.378	ng		99
17) Acenaphthene	14.266	154	7915	0.399	ng		98
18) Fluorene	15.260	166	10500	0.401	ng		98
20) 4,6-Dinitro-2-methylph...	15.335	198	697	0.371	ng	#	80
21) 4-Bromophenyl-phenylether	16.164	248	3516	0.379	ng	#	87
22) Hexachlorobenzene	16.276	284	4281	0.412	ng		96
23) Atrazine	16.437	200	2368	0.322	ng	#	90
24) Pentachlorophenol	16.611	266	1685	0.401	ng		99
25) Phenanthrene	16.995	178	17831	0.398	ng		100
26) Anthracene	17.095	178	14616	0.369	ng		100
28) Fluoranthene	19.030	202	20558	0.373	ng		99
30) Pyrene	19.392	202	20717	0.424	ng		100
32) Benzo(a)anthracene	21.157	228	16786	0.366	ng		99
33) Chrysene	21.201	228	19328	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.130	149	6789	0.325	ng		99
36) Indeno(1,2,3-cd)pyrene	25.521	276	16153	0.332	ng		98
37) Benzo(b)fluoranthene	22.703	252	17391	0.392	ng		98
38) Benzo(k)fluoranthene	22.747	252	18446	0.407	ng		97
39) Benzo(a)pyrene	23.255	252	13375	0.358	ng	#	96
40) Dibenzo(a,h)anthracene	25.542	278	12672	0.330	ng		95
41) Benzo(g,h,i)perylene	26.176	276	14642	0.343	ng		97

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

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