Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034732.D
Acq On : 25 Oct 2024 20:41
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 22:43:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 22:11:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.654	152	8703	0.400	ng		-0.06
7) Naphthalene-d8	10.415	136	25971	0.400	ng		#-0.06
13) Acenaphthene-d10	14.272	164	13484	0.400	ng		-0.06
19) Phenanthrene-d10	17.026	188	25916	0.400	ng		-0.04
29) Chrysene-d12	21.212	240	13865	0.400	ng		-0.04
35) Perylene-d12	23.412	264	12945	0.400	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	11176	0.432	ng		-0.06
5) Phenol-d6	6.824	99	14560	0.427	ng		-0.06
8) Nitrobenzene-d5	8.781	82	8064	0.370	ng		-0.06
11) 2-Methylnaphthalene-d10	12.014	152	12963	0.363	ng		-0.06
14) 2,4,6-Tribromophenol	15.773	330	1738	0.417	ng		-0.04
15) 2-Fluorobiphenyl	12.903	172	18535	0.346	ng		-0.05
27) Fluoranthene-d10	19.055	212	20172	0.346	ng		-0.04
31) Terphenyl-d14	19.663	244	11526	0.407	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	4182	0.361	ng		99
3) n-Nitrosodimethylamine	3.538	42	5887	0.349	ng	#	90
6) bis(2-Chloroethyl)ether	7.084	93	10361	0.374	ng		98
9) Naphthalene	10.468	128	26161	0.364	ng		100
10) Hexachlorobutadiene	10.767	225	3881	0.360	ng	#	99
12) 2-Methylnaphthalene	12.090	142	16236	0.364	ng		100
16) Acenaphthylene	13.994	152	21659	0.334	ng		99
17) Acenaphthene	14.336	154	15327	0.343	ng		99
18) Fluorene	15.330	166	18945	0.344	ng		99
20) 4,6-Dinitro-2-methylph...	15.405	198	1194	0.331	ng	#	84
21) 4-Bromophenyl-phenylether	16.232	248	5089	0.368	ng		93
22) Hexachlorobenzene	16.331	284	5412	0.361	ng		99
23) Atrazine	16.505	200	4155	0.383	ng		99
24) Pentachlorophenol	16.679	266	2169	0.409	ng		100
25) Phenanthrene	17.064	178	28002	0.360	ng		100
26) Anthracene	17.150	178	24377	0.353	ng		100
28) Fluoranthene	19.087	202	28255	0.348	ng		99
30) Pyrene	19.445	202	28410	0.399	ng		100
32) Benzo(a)anthracene	21.194	228	19350	0.365	ng		100
33) Chrysene	21.248	228	19781	0.361	ng		100
34) Bis(2-ethylhexyl)phtha...	21.158	149	15745	0.524	ng		99
36) Indeno(1,2,3-cd)pyrene	25.619	276	17779	0.357	ng		99
37) Benzo(b)fluoranthene	22.754	252	18264	0.353	ng		100
38) Benzo(k)fluoranthene	22.801	252	17879	0.351	ng		99
39) Benzo(a)pyrene	23.315	252	14600	0.352	ng		97
40) Dibenzo(a,h)anthracene	25.634	278	14173	0.360	ng		97
41) Benzo(g,h,i)perylene	26.286	276	15303	0.353	ng		97

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

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