Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034721.D
Acq On : 25 Oct 2024 09:46
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 25 10:44:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	6565	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	19566	0.400	ng		0.00
13) Acenaphthene-d10	14.325	164	9604	0.400	ng		0.00
19) Phenanthrene-d10	17.064	188	17577	0.400	ng		0.00
29) Chrysene-d12	21.248	240	13068	0.400	ng		0.00
35) Perylene-d12	23.459	264	14018	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.314	112	8404	0.431	ng		0.00
5) Phenol-d6	6.882	99	11379	0.442	ng		0.00
8) Nitrobenzene-d5	8.845	82	5869	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.067	152	9607	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.810	330	1142	0.384	ng		0.00
15) 2-Fluorobiphenyl	12.946	172	13407	0.351	ng		0.00
27) Fluoranthene-d10	19.092	212	14664	0.370	ng		0.00
31) Terphenyl-d14	19.700	244	9017	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	3018	0.345	ng		97
3) n-Nitrosodimethylamine	3.581	42	4242	0.334	ng	#	91
6) bis(2-Chloroethyl)ether	7.142	93	7827	0.374	ng		99
9) Naphthalene	10.522	128	19690	0.364	ng		99
10) Hexachlorobutadiene	10.821	225	2852	0.351	ng	#	99
12) 2-Methylnaphthalene	12.143	142	12083	0.360	ng		99
16) Acenaphthylene	14.037	152	15625	0.339	ng		99
17) Acenaphthene	14.389	154	10877	0.342	ng		99
18) Fluorene	15.373	166	12726	0.324	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	824	0.337	ng		98
21) 4-Bromophenyl-phenylether	16.269	248	3420	0.365	ng		96
22) Hexachlorobenzene	16.368	284	3624	0.357	ng		98
23) Atrazine	16.542	200	2675	0.363	ng		98
24) Pentachlorophenol	16.716	266	1357	0.378	ng		98
25) Phenanthrene	17.101	178	19007	0.360	ng		100
26) Anthracene	17.188	178	16769	0.358	ng		100
28) Fluoranthene	19.120	202	20290	0.368	ng		99
30) Pyrene	19.482	202	21115	0.315	ng		99
32) Benzo(a)anthracene	21.230	228	18695	0.374	ng		99
33) Chrysene	21.283	228	18028	0.349	ng		99
34) Bis(2-ethylhexyl)phtha...	21.194	149	15075	0.532	ng		100
36) Indeno(1,2,3-cd)pyrene	25.683	276	19938	0.369	ng		99
37) Benzo(b)fluoranthene	22.798	252	18466	0.330	ng	#	86
38) Benzo(k)fluoranthene	22.842	252	17979	0.326	ng	#	84
39) Benzo(a)pyrene	23.362	252	16295	0.363	ng	#	83
40) Dibenzo(a,h)anthracene	25.707	278	15708	0.369	ng	#	84
41) Benzo(g,h,i)perylene	26.359	276	17122	0.365	ng		92

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

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