Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
Data File : BN018709.D
Acq On : 24 Feb 2022 15:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 25 00:48:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	6498	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	15544	0.400	ng	#	0.00
13) Acenaphthene-d10	14.549	164	7532	0.400	ng		0.00
19) Phenanthrene-d10	17.287	188	13677	0.400	ng		0.00
29) Chrysene-d12	21.467	240	10092	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	8965	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	5941	0.399	ng		0.00
5) Phenol-d6	7.067	99	6750	0.395	ng		0.00
8) Nitrobenzene-d5	9.068	82	4450	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	8889	0.379	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	1052	0.358	ng		0.00
15) 2-Fluorobiphenyl	13.180	172	13540	0.379	ng		0.00
27) Fluoranthene-d10	19.312	212	13845	0.373	ng		0.00
31) Terphenyl-d14	19.906	244	8422	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	2988	0.396	ng	#	59
3) n-Nitrosodimethylamine	3.644	42	3062	0.409	ng		89
6) bis(2-Chloroethyl)ether	7.327	93	7048	0.401	ng		99
9) Naphthalene	10.765	128	17254	0.385	ng		99
10) Hexachlorobutadiene	11.075	225	4052	0.376	ng	#	99
12) 2-Methylnaphthalene	12.382	142	11582	0.386	ng		99
16) Acenaphthylene	14.260	152	13030	0.365	ng		100
17) Acenaphthene	14.602	154	9227	0.374	ng		99
18) Fluorene	15.586	166	10996	0.370	ng		98
20) 4,6-Dinitro-2-methylph...	15.661	198	644	0.363	ng		98
21) 4-Bromophenyl-phenylether	16.477	248	3597	0.370	ng		94
22) Hexachlorobenzene	16.600	284	4542	0.373	ng	#	87
23) Atrazine	16.733	200	1887	0.352	ng	#	90
24) Pentachlorophenol	16.938	266	1013	0.418	ng		99
25) Phenanthrene	17.328	178	17207	0.376	ng		99
26) Anthracene	17.420	178	13925	0.359	ng		99
28) Fluoranthene	19.341	202	17493	0.366	ng	#	97
30) Pyrene	19.704	202	17590	0.390	ng		100
32) Benzo(a)anthracene	21.449	228	13805	0.361	ng		98
33) Chrysene	21.503	228	16137	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5381	0.346	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.349	276	17587	0.372	ng	#	89
37) Benzo(b)fluoranthene	23.130	252	15066	0.370	ng	#	91
38) Benzo(k)fluoranthene	23.179	252	14724	0.365	ng	#	93
39) Benzo(a)pyrene	23.755	252	11874	0.366	ng	#	85
40) Dibenzo(a,h)anthracene	26.366	278	13632	0.369	ng	#	90
41) Benzo(g,h,i)perylene	27.112	276	14902	0.368	ng	#	90

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

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