Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
Data File : BN023211.D
Acq On : 14 Dec 2022 21:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 15 02:58:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.013	152	4276	0.400	ng		0.00
7) Naphthalene-d8	10.829	136	13164	0.400	ng		-0.01
13) Acenaphthene-d10	14.656	164	7715	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	18126	0.400	ng		# 0.00
29) Chrysene-d12	21.585	240	16911	0.400	ng		0.00
35) Perylene-d12	24.037	264	14210	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.551	112	3420	0.429	ng		0.00
5) Phenol-d6	7.161	99	4306	0.425	ng		0.00
8) Nitrobenzene-d5	9.174	82	3493	0.403	ng		-0.01
11) 2-Methylnaphthalene-d10	12.416	152	7002	0.314	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1257	0.449	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	11869	0.385	ng		0.00
27) Fluoranthene-d10	19.427	212	17803	0.420	ng		0.00
31) Terphenyl-d14	20.017	244	10055	0.366	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	1740	0.412	ng		99
3) n-Nitrosodimethylamine	3.731	42	1678	0.405	ng	#	97
6) bis(2-Chloroethyl)ether	7.428	93	4826	0.420	ng		99
9) Naphthalene	10.883	128	13471	0.402	ng		100
10) Hexachlorobutadiene	11.171	225	2644	0.414	ng	#	99
12) 2-Methylnaphthalene	12.110	142	2233	0.447	ng	#	93
16) Acenaphthylene	14.378	152	11701	0.376	ng		100
17) Acenaphthene	14.720	154	8975	0.393	ng		99
18) Fluorene	15.703	166	11755	0.460	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	681	0.423	ng	#	1
21) 4-Bromophenyl-phenylether	16.595	248	3881	0.401	ng	#	71
22) Hexachlorobenzene	16.707	284	5024	0.397	ng		100
23) Atrazine	16.856	200	2618	0.384	ng	#	97
24) Pentachlorophenol	17.054	266	1546	0.351	ng		95
25) Phenanthrene	17.439	178	21378	0.396	ng		100
26) Anthracene	17.526	178	16281	0.378	ng		100
28) Fluoranthene	19.456	202	24007	0.415	ng		100
30) Pyrene	19.819	202	24085	0.389	ng		100
32) Benzo(a)anthracene	21.567	228	21833	0.401	ng		100
33) Chrysene	21.620	228	24967	0.408	ng		100
34) Bis(2-ethylhexyl)phtha...	21.486	149	9107	0.395	ng		98
36) Indeno(1,2,3-cd)pyrene	26.595	276	26371	0.414	ng		99
37) Benzo(b)fluoranthene	23.283	252	24544	0.417	ng		96
38) Benzo(k)fluoranthene	23.332	252	23169	0.387	ng		98
39) Benzo(a)pyrene	23.926	252	18323	0.415	ng	#	91
40) Dibenzo(a,h)anthracene	26.619	278	20199	0.395	ng		99
41) Benzo(g,h,i)perylene	27.385	276	21014	0.385	ng		99

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

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