Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027729.D
Acq On : 18 Sep 2023 11:43
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 18 14:04:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:03:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	1506	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	4966	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	3457	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	9997	0.400	ng		0.00
29) Chrysene-d12	21.578	240	11380	0.400	ng		0.00
35) Perylene-d12	24.086	264	12491	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.545	112	1635	0.413	ng		0.00
5) Phenol-d6	7.163	99	1918	0.400	ng		0.00
8) Nitrobenzene-d5	9.208	82	1644	0.448	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	3101	0.424	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	630	0.472	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	4731	0.366	ng		0.00
27) Fluoranthene-d10	19.425	212	11655	0.458	ng		0.00
31) Terphenyl-d14	20.011	244	8618	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	784	0.426	ng		100
3) n-Nitrosodimethylamine	3.776	42	941	0.468	ng		100
6) bis(2-Chloroethyl)ether	7.445	93	2066	0.441	ng		100
9) Naphthalene	10.885	128	5829	0.426	ng		100
10) Hexachlorobutadiene	11.109	225	1013	0.405	ng	#	100
12) 2-Methylnaphthalene	12.487	142	4014	0.417	ng		100
16) Acenaphthylene	14.373	152	5992	0.382	ng		100
17) Acenaphthene	14.715	154	4400	0.417	ng		100
18) Fluorene	15.693	166	6542	0.458	ng		100
20) 4,6-Dinitro-2-methylph...	16.847	198	63	0.431	ng		100
21) 4-Bromophenyl-phenylether	16.586	248	2070	0.392	ng		100
22) Hexachlorobenzene	16.661	284	2375	0.382	ng		100
23) Atrazine	16.847	200	1651	0.412	ng		100
24) Pentachlorophenol	17.033	266	1032	0.419	ng		100
25) Phenanthrene	17.443	178	11994	0.406	ng		100
26) Anthracene	17.530	178	10189	0.404	ng		100
28) Fluoranthene	19.453	202	15733	0.446	ng		100
30) Pyrene	19.820	202	16438	0.368	ng		100
32) Benzo(a)anthracene	21.569	228	16676	0.421	ng		100
33) Chrysene	21.623	228	18592	0.430	ng		100
34) Bis(2-ethylhexyl)phtha...	21.444	149	7345	0.392	ng		100
36) Indeno(1,2,3-cd)pyrene	26.723	276	22073	0.423	ng		100
37) Benzo(b)fluoranthene	23.306	252	18510	0.382	ng		100
38) Benzo(k)fluoranthene	23.358	252	18844	0.378	ng		100
39) Benzo(a)pyrene	23.972	252	17005	0.376	ng		100
40) Dibenzo(a,h)anthracene	26.744	278	18057	0.439	ng		100
41) Benzo(g,h,i)perylene	27.536	276	20215	0.428	ng		100

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

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