Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027742.D
Acq On : 18 Sep 2023 19:56
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 19 04:03:45 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 14:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	1704	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	5792	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	4181	0.400	ng		0.01
19) Phenanthrene-d10	17.393	188	11536	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	13055	0.400	ng	#	0.00
35) Perylene-d12	24.077	264	15388	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.545	112	1717	0.385	ng		0.00
5) Phenol-d6	7.163	99	2098	0.384	ng		0.00
8) Nitrobenzene-d5	9.208	82	1625	0.346	ng		0.00
11) 2-Methylnaphthalene-d10	12.411	152	3319	0.389	ng		0.00
14) 2,4,6-Tribromophenol	16.139	330	738	0.378	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	5198	0.365	ng		0.00
27) Fluoranthene-d10	19.421	212	12556	0.389	ng		0.00
31) Terphenyl-d14	20.011	244	9203	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	760	0.382	ng		96
3) n-Nitrosodimethylamine	3.776	42	871	0.357	ng	#	92
6) bis(2-Chloroethyl)ether	7.445	93	2079	0.388	ng		97
9) Naphthalene	10.885	128	6297	0.395	ng		96
10) Hexachlorobutadiene	11.109	225	1030	0.375	ng	#	98
12) 2-Methylnaphthalene	12.487	142	4278	0.383	ng		98
16) Acenaphthylene	14.373	152	6703	0.377	ng		99
17) Acenaphthene	14.704	154	4882	0.395	ng		98
18) Fluorene	15.692	166	7228	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	16.847	198	57	0.319	ng	#	1
21) 4-Bromophenyl-phenylether	16.586	248	2176	0.371	ng	#	79
22) Hexachlorobenzene	16.661	284	2536	0.385	ng		99
23) Atrazine	16.847	200	1834	0.386	ng	#	93
24) Pentachlorophenol	17.033	266	1063	0.326	ng		98
25) Phenanthrene	17.443	178	13216	0.394	ng		100
26) Anthracene	17.530	178	11173	0.386	ng		99
28) Fluoranthene	19.453	202	16985	0.386	ng		99
30) Pyrene	19.820	202	17934	0.403	ng		100
32) Benzo(a)anthracene	21.560	228	18379	0.394	ng		98
33) Chrysene	21.614	228	20039	0.405	ng		98
34) Bis(2-ethylhexyl)phtha...	21.435	149	10372	0.472	ng		99
36) Indeno(1,2,3-cd)pyrene	26.712	276	24041	0.346	ng		100
37) Benzo(b)fluoranthene	23.300	252	20222	0.354	ng	#	87
38) Benzo(k)fluoranthene	23.352	252	21090	0.362	ng	#	88
39) Benzo(a)pyrene	23.963	252	19874	0.366	ng	#	83
40) Dibenzo(a,h)anthracene	26.735	278	19648	0.345	ng		95
41) Benzo(g,h,i)perylene	27.524	276	21491	0.347	ng		97

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

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