Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027606.D
Acq On : 12 Sep 2023 11:56
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 12 13:03:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	6686	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	17642	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	7853	0.400	ng		0.00
19) Phenanthrene-d10	17.406	188	15517	0.400	ng		0.00
29) Chrysene-d12	21.596	240	11173	0.400	ng		0.00
35) Perylene-d12	24.098	264	10425	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.567	112	7651	0.439	ng		0.00
5) Phenol-d6	7.185	99	8644	0.408	ng		0.00
8) Nitrobenzene-d5	9.230	82	5984	0.465	ng		0.00
11) 2-Methylnaphthalene-d10	12.430	152	9813	0.379	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1081	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.293	172	14311	0.479	ng		0.00
27) Fluoranthene-d10	19.435	212	14943	0.387	ng		0.00
31) Terphenyl-d14	20.020	244	10292	0.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3492	0.428	ng		92
3) n-Nitrosodimethylamine	3.819	42	3720	0.430	ng	#	92
6) bis(2-Chloroethyl)ether	7.467	93	8394	0.410	ng		99
9) Naphthalene	10.906	128	20678	0.430	ng		100
10) Hexachlorobutadiene	11.130	225	4007	0.446	ng	#	100
12) 2-Methylnaphthalene	12.502	142	12907	0.377	ng		99
16) Acenaphthylene	14.384	152	14635	0.409	ng		99
17) Acenaphthene	14.726	154	10131	0.425	ng		99
18) Fluorene	15.705	166	12984	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	16.859	198	95	0.430	ng	#	75
21) 4-Bromophenyl-phenylether	16.599	248	3723	0.455	ng		99
22) Hexachlorobenzene	16.673	284	4298	0.443	ng		98
23) Atrazine	16.859	200	2434	0.397	ng		97
24) Pentachlorophenol	17.046	266	1327	0.355	ng		99
25) Phenanthrene	17.455	178	19374	0.425	ng		100
26) Anthracene	17.542	178	16015	0.413	ng		100
28) Fluoranthene	19.463	202	20303	0.378	ng		100
30) Pyrene	19.830	202	20490	0.461	ng		100
32) Benzo(a)anthracene	21.578	228	17197	0.449	ng		100
33) Chrysene	21.632	228	18654	0.443	ng		99
34) Bis(2-ethylhexyl)phtha...	21.453	149	7167	0.388	ng		98
36) Indeno(1,2,3-cd)pyrene	26.738	276	19347	0.457	ng		99
37) Benzo(b)fluoranthene	23.320	252	17353	0.430	ng		98
38) Benzo(k)fluoranthene	23.373	252	17336	0.418	ng		98
39) Benzo(a)pyrene	23.987	252	15733	0.417	ng		96
40) Dibenzo(a,h)anthracene	26.761	278	15754	0.475	ng		98
41) Benzo(g,h,i)perylene	27.563	276	17498	0.455	ng		98

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

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