Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062323\
Data File : BN025960.D
Acq On : 23 Jun 2023 10:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 24 06:28:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 17:48:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.968	152	6008	0.400	ng		0.00
7) Naphthalene-d8	10.781	136	16278	0.400	ng	#	0.00
13) Acenaphthene-d10	14.608	164	9055	0.400	ng		0.00
19) Phenanthrene-d10	17.356	188	19437	0.400	ng	#	0.00
29) Chrysene-d12	21.551	240	14450	0.400	ng		0.00
35) Perylene-d12	24.030	264	14673	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.513	112	6896	0.408	ng		0.00
5) Phenol-d6	7.131	99	8087	0.390	ng		0.00
8) Nitrobenzene-d5	9.137	82	5967	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	12.373	152	9222	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	1516	0.543	ng		0.00
15) 2-Fluorobiphenyl	13.240	172	14365	0.375	ng		0.00
27) Fluoranthene-d10	19.388	212	18898	0.473	ng		0.00
31) Terphenyl-d14	19.983	244	12246	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	2979	0.423	ng		93
3) n-Nitrosodimethylamine	3.693	42	3468	0.385	ng	#	93
6) bis(2-Chloroethyl)ether	7.383	93	6954	0.369	ng		98
9) Naphthalene	10.835	128	18011	0.370	ng		99
10) Hexachlorobutadiene	11.123	225	3627	0.485	ng	#	99
12) 2-Methylnaphthalene	12.445	142	11752	0.380	ng		99
16) Acenaphthylene	14.330	152	16938	0.389	ng		100
17) Acenaphthene	14.672	154	11115	0.389	ng		99
18) Fluorene	15.655	166	14684	0.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.742	198	1543	0.439	ng		87
21) 4-Bromophenyl-phenylether	16.549	248	4635	0.412	ng	#	91
22) Hexachlorobenzene	16.673	284	4379	0.454	ng		91
23) Atrazine	16.809	200	3957	0.431	ng		96
24) Pentachlorophenol	17.008	266	2772	0.772	ng		97
25) Phenanthrene	17.393	178	23157	0.388	ng		100
26) Anthracene	17.492	178	21204	0.388	ng		99
28) Fluoranthene	19.420	202	26547	0.451	ng		100
30) Pyrene	19.783	202	27906	0.341	ng		100
32) Benzo(a)anthracene	21.533	228	22813	0.409	ng		99
33) Chrysene	21.587	228	23386	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	21.452	149	23299	0.701	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.627	276	24607	0.388	ng		95
37) Benzo(b)fluoranthene	23.273	252	21649	0.374	ng	#	96
38) Benzo(k)fluoranthene	23.323	252	21949	0.371	ng	#	96
39) Benzo(a)pyrene	23.913	252	20955	0.382	ng	#	93
40) Dibenzo(a,h)anthracene	26.635	278	19758	0.388	ng		99
41) Benzo(g,h,i)perylene	27.413	276	21551	0.379	ng		97

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

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