Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025661.D
Acq On : 28 May 2023 01:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 01:12:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5654	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16272	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	9538	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	20754	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	14292	0.400	ng	#	0.00
35) Perylene-d12	24.072	264	12833	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5831	0.403	ng		0.00
5) Phenol-d6	7.174	99	7069	0.407	ng		0.00
8) Nitrobenzene-d5	9.191	82	5279	0.388	ng		0.00
11) 2-Methylnaphthalene-d10	12.419	152	9542	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1003	0.520	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15894	0.404	ng		0.00
27) Fluoranthene-d10	19.421	212	19335	0.411	ng		0.00
31) Terphenyl-d14	20.011	244	12416	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2690	0.411	ng		98
3) n-Nitrosodimethylamine	3.744	42	2393	0.339	ng	#	88
6) bis(2-Chloroethyl)ether	7.434	93	7333	0.410	ng		99
9) Naphthalene	10.889	128	18449	0.415	ng		99
10) Hexachlorobutadiene	11.177	225	3206	0.415	ng	#	97
12) 2-Methylnaphthalene	12.495	142	12732	0.416	ng		100
16) Acenaphthylene	14.373	152	17954	0.399	ng		99
17) Acenaphthene	14.715	154	12346	0.416	ng		100
18) Fluorene	15.693	166	16288	0.415	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	977	0.454	ng	#	66
21) 4-Bromophenyl-phenylether	16.586	248	4725	0.401	ng	#	87
22) Hexachlorobenzene	16.698	284	4394	0.408	ng		99
23) Atrazine	16.847	200	3678	0.391	ng		95
24) Pentachlorophenol	17.070	266	692	0.802	ng	#	89
25) Phenanthrene	17.430	178	25920	0.410	ng		99
26) Anthracene	17.530	178	22755	0.398	ng		99
28) Fluoranthene	19.453	202	28125	0.408	ng		99
30) Pyrene	19.816	202	28798	0.414	ng		99
32) Benzo(a)anthracene	21.560	228	21667	0.407	ng		99
33) Chrysene	21.614	228	24512	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	14234	0.439	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.680	276	20135	0.409	ng	#	60
37) Benzo(b)fluoranthene	23.306	252	21320	0.436	ng		94
38) Benzo(k)fluoranthene	23.355	252	21014	0.413	ng		95
39) Benzo(a)pyrene	23.955	252	19295	0.413	ng		93
40) Dibenzo(a,h)anthracene	26.697	278	16097	0.413	ng		96
41) Benzo(g,h,i)perylene	27.481	276	17987	0.404	ng		98

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

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