Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
Data File : BN026822.D
Acq On : 07 Aug 2023 09:37
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 08 00:48:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	10383	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	26895	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	17533	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	38633	0.400	ng		0.00
29) Chrysene-d12	21.668	240	31130	0.400	ng		0.00
35) Perylene-d12	24.227	264	31581	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.632	112	9141	0.348	ng		0.00
5) Phenol-d6	7.250	99	11372	0.334	ng		0.00
8) Nitrobenzene-d5	9.315	82	7203	0.452	ng		0.01
11) 2-Methylnaphthalene-d10	12.525	152	15762	0.409	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2487	0.417	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	25557	0.357	ng		0.00
27) Fluoranthene-d10	19.514	212	34573	0.373	ng		0.00
31) Terphenyl-d14	20.099	244	24646	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.494	88	4074	0.336	ng		98
3) n-Nitrosodimethylamine	3.834	42	4317	0.319	ng	#	88
6) bis(2-Chloroethyl)ether	7.553	93	11111	0.362	ng		98
9) Naphthalene	11.002	128	26871	0.363	ng		100
10) Hexachlorobutadiene	11.248	225	5695	0.425	ng	#	99
12) 2-Methylnaphthalene	12.596	142	20392	0.404	ng		98
16) Acenaphthylene	14.480	152	30412	0.351	ng		100
17) Acenaphthene	14.812	154	19599	0.360	ng		98
18) Fluorene	15.792	166	25348	0.358	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	223	0.357	ng	#	68
21) 4-Bromophenyl-phenylether	16.686	248	8389	0.359	ng		95
22) Hexachlorobenzene	16.760	284	9727	0.364	ng		98
23) Atrazine	16.934	200	5616	0.364	ng	#	91
24) Pentachlorophenol	17.120	266	3355	0.489	ng		99
25) Phenanthrene	17.530	178	42183	0.360	ng		100
26) Anthracene	17.629	178	35964	0.343	ng		100
28) Fluoranthene	19.542	202	46655	0.357	ng		99
30) Pyrene	19.904	202	46962	0.349	ng		100
32) Benzo(a)anthracene	21.650	228	39802	0.372	ng		99
33) Chrysene	21.703	228	44030	0.373	ng		100
34) Bis(2-ethylhexyl)phtha...	21.542	149	17423	0.492	ng		98
36) Indeno(1,2,3-cd)pyrene	26.931	276	46248	0.359	ng		98
37) Benzo(b)fluoranthene	23.431	252	41911	0.337	ng		98
38) Benzo(k)fluoranthene	23.487	252	40946	0.321	ng		99
39) Benzo(a)pyrene	24.110	252	40030	0.353	ng		98
40) Dibenzo(a,h)anthracene	26.966	278	36482	0.364	ng		97
41) Benzo(g,h,i)perylene	27.773	276	39176	0.331	ng		99

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

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