Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024992.D
Acq On : 19 Apr 2023 01:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 19 05:48:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 05:45:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.933	152	9011	0.400	ng		0.00
7) Naphthalene-d8	10.739	136	26887	0.400	ng	#	0.00
13) Acenaphthene-d10	14.576	164	14545	0.400	ng		0.00
19) Phenanthrene-d10	17.323	188	30538	0.400	ng	#	0.00
29) Chrysene-d12	21.509	240	23145	0.400	ng	#	0.00
35) Perylene-d12	23.965	264	18083	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	8878	0.427	ng		0.00
5) Phenol-d6	7.095	99	11664	0.444	ng		0.00
8) Nitrobenzene-d5	9.095	82	9546	0.440	ng		0.00
11) 2-Methylnaphthalene-d10	12.332	152	15854	0.445	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	2762	0.422	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	25748	0.463	ng		0.00
27) Fluoranthene-d10	19.355	212	30658	0.443	ng		0.00
31) Terphenyl-d14	19.949	244	26986	0.514	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	4449	0.449	ng		97
3) n-Nitrosodimethylamine	3.679	42	7568	0.451	ng		94
6) bis(2-Chloroethyl)ether	7.355	93	11581	0.435	ng		98
9) Naphthalene	10.792	128	31646	0.457	ng		100
10) Hexachlorobutadiene	11.081	225	6317	0.479	ng	#	100
12) 2-Methylnaphthalene	12.404	142	21174	0.440	ng		99
16) Acenaphthylene	14.298	152	26866	0.439	ng		99
17) Acenaphthene	14.640	154	18703	0.452	ng		100
18) Fluorene	15.624	166	24754	0.436	ng		98
20) 4,6-Dinitro-2-methylph...	15.710	198	898	0.332	ng	#	75
21) 4-Bromophenyl-phenylether	16.516	248	7925	0.441	ng	#	91
22) Hexachlorobenzene	16.628	284	9576	0.470	ng		99
23) Atrazine	16.777	200	4787	0.390	ng	#	96
24) Pentachlorophenol	16.976	266	2939	0.551	ng		93
25) Phenanthrene	17.360	178	38659	0.436	ng		100
26) Anthracene	17.460	178	32256	0.417	ng		99
28) Fluoranthene	19.384	202	43582	0.433	ng		99
30) Pyrene	19.747	202	43574	0.530	ng		100
32) Benzo(a)anthracene	21.500	228	33752	0.431	ng		99
33) Chrysene	21.553	228	37865	0.462	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	15969	0.380	ng		99
36) Indeno(1,2,3-cd)pyrene	26.515	276	30128	0.380	ng		99
37) Benzo(b)fluoranthene	23.217	252	31532	0.460	ng		97
38) Benzo(k)fluoranthene	23.267	252	31404	0.462	ng		100
39) Benzo(a)pyrene	23.854	252	26865	0.410	ng	#	93
40) Dibenzo(a,h)anthracene	26.535	278	23805	0.382	ng		98
41) Benzo(g,h,i)perylene	27.293	276	26493	0.392	ng		99

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

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