Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021724.D
Acq On : 13 Sep 2022 11:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 14 01:00:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	4751	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	15763	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9690	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	19225	0.400	ng	#	0.00
29) Chrysene-d12	21.646	240	11013	0.400	ng	#	0.00
35) Perylene-d12	24.164	264	8398	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5127	0.551	ng		0.00
5) Phenol-d6	7.209	99	6449	0.544	ng		0.00
8) Nitrobenzene-d5	9.233	82	4806	0.451	ng		0.00
11) 2-Methylnaphthalene-d10	12.474	152	15845	0.446	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1202	0.378	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	15258	0.360	ng		0.00
27) Fluoranthene-d10	19.493	212	17154	0.347	ng		0.00
31) Terphenyl-d14	20.079	244	10694	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2252	0.379	ng	#	88
3) n-Nitrosodimethylamine	3.743	42	2316	0.433	ng	#	98
6) bis(2-Chloroethyl)ether	7.469	93	5886	0.395	ng		98
9) Naphthalene	10.941	128	17831	0.382	ng		99
10) Hexachlorobutadiene	11.218	225	2871	0.355	ng	#	99
12) 2-Methylnaphthalene	12.180	142	3600	0.590	ng		96
16) Acenaphthylene	14.429	152	17149	0.377	ng		100
17) Acenaphthene	14.771	154	11989	0.375	ng		97
18) Fluorene	15.755	166	15161	0.384	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	4481	0.372	ng	#	89
22) Hexachlorobenzene	16.762	284	5415	0.368	ng		98
23) Atrazine	16.916	200	3101	0.442	ng		98
24) Pentachlorophenol	17.121	266	1379	0.515	ng		99
25) Phenanthrene	17.500	178	24363	0.367	ng		100
26) Anthracene	17.593	178	19358	0.367	ng		99
28) Fluoranthene	19.522	202	22891	0.332	ng		100
30) Pyrene	19.885	202	24813	0.423	ng		97
32) Benzo(a)anthracene	21.637	228	15754	0.411	ng		99
33) Chrysene	21.691	228	16897	0.370	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	9715	0.629	ng		99
36) Indeno(1,2,3-cd)pyrene	26.813	276	13245	0.349	ng		98
37) Benzo(b)fluoranthene	23.390	252	14309	0.346	ng		97
38) Benzo(k)fluoranthene	23.439	252	13817	0.332	ng		94
39) Benzo(a)pyrene	24.050	252	10724	0.371	ng		94
40) Dibenzo(a,h)anthracene	26.837	278	9967	0.327	ng		95
41) Benzo(g,h,i)perylene	27.626	276	12710	0.380	ng		98

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

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