Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034099.D
Acq On : 20 Sep 2024 23:03
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 21 01:21:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.430	152	5148	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	15292	0.400	ng		0.00
13) Acenaphthene-d10	14.072	164	8649	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	19412	0.400	ng		0.00
29) Chrysene-d12	21.053	240	14982	0.400	ng	#	0.00
35) Perylene-d12	23.171	264	14941	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	6075	0.416	ng		0.00
5) Phenol-d6	6.629	99	7209	0.424	ng		0.00
8) Nitrobenzene-d5	8.568	82	4608	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	11.787	152	8857	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.579	330	1635	0.417	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	14380	0.409	ng		0.00
27) Fluoranthene-d10	18.876	212	19208	0.392	ng		-0.01
31) Terphenyl-d14	19.498	244	12559	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	2491	0.387	ng		90
3) n-Nitrosodimethylamine	3.372	42	3235	0.442	ng	#	83
6) bis(2-Chloroethyl)ether	6.874	93	5716	0.380	ng		97
9) Naphthalene	10.233	128	16662	0.397	ng		100
10) Hexachlorobutadiene	10.532	225	3253	0.411	ng	#	99
12) 2-Methylnaphthalene	11.863	142	10777	0.395	ng		99
16) Acenaphthylene	13.794	152	14719	0.398	ng		100
17) Acenaphthene	14.137	154	10741	0.404	ng		99
18) Fluorene	15.131	166	13973	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	982	0.410	ng	#	71
21) 4-Bromophenyl-phenylether	16.039	248	4300	0.394	ng	#	93
22) Hexachlorobenzene	16.138	284	5028	0.411	ng		96
23) Atrazine	16.324	200	3967	0.439	ng		98
24) Pentachlorophenol	16.498	266	1921	0.475	ng		98
25) Phenanthrene	16.870	178	22545	0.404	ng		100
26) Anthracene	16.970	178	17772	0.391	ng		100
28) Fluoranthene	18.908	202	25834	0.400	ng		100
30) Pyrene	19.271	202	27270	0.431	ng		100
32) Benzo(a)anthracene	21.035	228	18855	0.398	ng		99
33) Chrysene	21.089	228	23457	0.415	ng		98
34) Bis(2-ethylhexyl)phtha...	21.008	149	2568	0.130	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.256	276	23021	0.360	ng		97
37) Benzo(b)fluoranthene	22.546	252	22409	0.383	ng		99
38) Benzo(k)fluoranthene	22.587	252	26201	0.426	ng		96
39) Benzo(a)pyrene	23.081	252	18712	0.392	ng		98
40) Dibenzo(a,h)anthracene	25.270	278	17454	0.351	ng		98
41) Benzo(g,h,i)perylene	25.890	276	18511	0.331	ng		99

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

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