Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033826.D
Acq On : 09 Sep 2024 20:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 10 03:18:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.509	152	5052	0.400	ng		0.00
7) Naphthalene-d8	10.261	136	12832	0.400	ng		-0.01
13) Acenaphthene-d10	14.146	164	5734	0.400	ng		-0.01
19) Phenanthrene-d10	16.892	188	11139	0.400	ng		#-0.01
29) Chrysene-d12	21.104	240	8530	0.400	ng		0.00
35) Perylene-d12	23.259	264	9362	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.147	112	5540	0.358	ng		0.00
5) Phenol-d6	6.700	99	6544	0.357	ng		0.00
8) Nitrobenzene-d5	8.638	82	4118	0.377	ng		-0.01
11) 2-Methylnaphthalene-d10	11.862	152	6796	0.375	ng		-0.01
14) 2,4,6-Tribromophenol	15.651	330	996	0.344	ng		0.00
15) 2-Fluorobiphenyl	12.756	172	9474	0.396	ng		-0.01
27) Fluoranthene-d10	18.938	212	10504	0.382	ng		0.00
31) Terphenyl-d14	19.556	244	7111	0.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2180	0.379	ng		97
3) n-Nitrosodimethylamine	3.457	42	2693	0.399	ng		91
6) bis(2-Chloroethyl)ether	6.953	93	5298	0.383	ng		99
9) Naphthalene	10.314	128	13228	0.386	ng		99
10) Hexachlorobutadiene	10.613	225	2847	0.399	ng	#	99
12) 2-Methylnaphthalene	11.937	142	7905	0.376	ng		99
16) Acenaphthylene	13.857	152	9307	0.376	ng		99
17) Acenaphthene	14.210	154	6613	0.389	ng		98
18) Fluorene	15.204	166	8046	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.290	198	485	0.276	ng	#	74
21) 4-Bromophenyl-phenylether	16.098	248	2469	0.383	ng	#	84
22) Hexachlorobenzene	16.209	284	2950	0.399	ng		96
23) Atrazine	16.383	200	1914	0.371	ng	#	94
24) Pentachlorophenol	16.557	266	1090	0.360	ng		100
25) Phenanthrene	16.942	178	11963	0.390	ng		100
26) Anthracene	17.029	178	10038	0.376	ng		100
28) Fluoranthene	18.970	202	13112	0.381	ng		99
30) Pyrene	19.333	202	13527	0.394	ng		100
32) Benzo(a)anthracene	21.086	228	11632	0.382	ng		98
33) Chrysene	21.139	228	12357	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.050	149	6047	0.364	ng		99
36) Indeno(1,2,3-cd)pyrene	25.387	276	15756	0.407	ng		99
37) Benzo(b)fluoranthene	22.619	252	13346	0.388	ng		98
38) Benzo(k)fluoranthene	22.663	252	13140	0.392	ng		100
39) Benzo(a)pyrene	23.163	252	10837	0.377	ng		98
40) Dibenzo(a,h)anthracene	25.402	278	12404	0.400	ng		98
41) Benzo(g,h,i)perylene	26.031	276	13454	0.400	ng		99

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

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