Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033824.D
Acq On : 09 Sep 2024 19:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 10 03:18:15 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	6030	0.400	ng		0.00
7) Naphthalene-d8	10.261	136	15254	0.400	ng		-0.01
13) Acenaphthene-d10	14.146	164	7009	0.400	ng		-0.01
19) Phenanthrene-d10	16.892	188	13494	0.400	ng		#-0.01
29) Chrysene-d12	21.103	240	10486	0.400	ng		0.00
35) Perylene-d12	23.259	264	10868	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.147	112	6087	0.330	ng		0.00
5) Phenol-d6	6.700	99	7136	0.327	ng		0.00
8) Nitrobenzene-d5	8.638	82	4885	0.376	ng		-0.01
11) 2-Methylnaphthalene-d10	11.862	152	8017	0.372	ng		-0.01
14) 2,4,6-Tribromophenol	15.651	330	1142	0.323	ng		0.00
15) 2-Fluorobiphenyl	12.756	172	11454	0.392	ng		-0.01
27) Fluoranthene-d10	18.938	212	12457	0.374	ng		0.00
31) Terphenyl-d14	19.555	244	7979	0.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2623	0.382	ng		98
3) n-Nitrosodimethylamine	3.457	42	2967	0.368	ng		99
6) bis(2-Chloroethyl)ether	6.945	93	6510	0.395	ng		100
9) Naphthalene	10.314	128	16177	0.397	ng		99
10) Hexachlorobutadiene	10.613	225	3342	0.394	ng	#	99
12) 2-Methylnaphthalene	11.937	142	9734	0.390	ng		99
16) Acenaphthylene	13.857	152	11504	0.380	ng		100
17) Acenaphthene	14.210	154	8218	0.396	ng		100
18) Fluorene	15.204	166	9982	0.390	ng		99
20) 4,6-Dinitro-2-methylph...	15.290	198	567	0.266	ng	#	77
21) 4-Bromophenyl-phenylether	16.098	248	3100	0.397	ng	#	80
22) Hexachlorobenzene	16.209	284	3714	0.414	ng		99
23) Atrazine	16.383	200	2276	0.365	ng	#	92
24) Pentachlorophenol	16.557	266	1221	0.333	ng		98
25) Phenanthrene	16.942	178	14587	0.392	ng		100
26) Anthracene	17.028	178	12428	0.384	ng		99
28) Fluoranthene	18.970	202	16258	0.390	ng		100
30) Pyrene	19.332	202	16697	0.395	ng		100
32) Benzo(a)anthracene	21.094	228	14651	0.391	ng		99
33) Chrysene	21.139	228	14975	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.050	149	7882	0.386	ng		99
36) Indeno(1,2,3-cd)pyrene	25.390	276	17791	0.396	ng		99
37) Benzo(b)fluoranthene	22.621	252	15730	0.394	ng		98
38) Benzo(k)fluoranthene	22.662	252	15789	0.405	ng		100
39) Benzo(a)pyrene	23.162	252	13201	0.395	ng		97
40) Dibenzo(a,h)anthracene	25.405	278	14176	0.394	ng		98
41) Benzo(g,h,i)perylene	26.033	276	15291	0.392	ng		100

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

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