Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
Data File : BN028265.D
Acq On : 12 Oct 2023 17:46
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 13 02:12:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:03:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	3079	0.400	ng		0.00
7) Naphthalene-d8	10.714	136	10399	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	6693	0.400	ng		0.00
19) Phenanthrene-d10	17.306	188	15075	0.400	ng		0.00
29) Chrysene-d12	21.498	240	15485	0.400	ng		0.00
35) Perylene-d12	23.961	264	18188	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	3621	0.379	ng		0.00
5) Phenol-d6	7.055	99	4515	0.384	ng		0.00
8) Nitrobenzene-d5	9.102	82	3543	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.298	152	6410	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.053	330	1235	0.378	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	9237	0.392	ng		0.00
27) Fluoranthene-d10	19.337	212	16582	0.411	ng		0.00
31) Terphenyl-d14	19.923	244	13205	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1511	0.406	ng		100
3) n-Nitrosodimethylamine	3.661	42	1687	0.415	ng		100
6) bis(2-Chloroethyl)ether	7.329	93	3610	0.398	ng		100
9) Naphthalene	10.757	128	10980	0.407	ng		100
10) Hexachlorobutadiene	10.970	225	1874	0.405	ng	#	100
12) 2-Methylnaphthalene	12.374	142	7889	0.412	ng		100
16) Acenaphthylene	14.266	152	11692	0.389	ng		100
17) Acenaphthene	14.598	154	7815	0.412	ng		100
18) Fluorene	15.593	166	10158	0.407	ng		100
20) 4,6-Dinitro-2-methylph...	15.730	198	325	0.483	ng		100
21) 4-Bromophenyl-phenylether	16.487	248	3180	0.410	ng		100
22) Hexachlorobenzene	16.574	284	3281	0.410	ng		100
23) Atrazine	16.760	200	3019	0.415	ng		100
24) Pentachlorophenol	16.946	266	1203	0.330	ng		100
25) Phenanthrene	17.344	178	16738	0.406	ng		100
26) Anthracene	17.443	178	15722	0.399	ng		100
28) Fluoranthene	19.365	202	20935	0.404	ng		100
30) Pyrene	19.732	202	21854	0.412	ng		100
32) Benzo(a)anthracene	21.480	228	22602	0.411	ng		100
33) Chrysene	21.533	228	21428	0.407	ng		100
34) Bis(2-ethylhexyl)phtha...	21.354	149	18433	0.439	ng		100
36) Indeno(1,2,3-cd)pyrene	26.536	276	28143	0.384	ng		100
37) Benzo(b)fluoranthene	23.198	252	22391	0.394	ng		100
38) Benzo(k)fluoranthene	23.250	252	22903	0.396	ng		100
39) Benzo(a)pyrene	23.850	252	22512	0.398	ng		100
40) Dibenzo(a,h)anthracene	26.551	278	22938	0.385	ng		100
41) Benzo(g,h,i)perylene	27.343	276	23583	0.384	ng		100

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

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