Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028193.D
Acq On : 10 Oct 2023 12:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 10 13:17:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3803	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	11295	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	5796	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	11632	0.400	ng	#	0.00
29) Chrysene-d12	21.515	240	10672	0.400	ng		0.00
35) Perylene-d12	23.975	264	12190	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.459	112	4667	0.411	ng		0.00
5) Phenol-d6	7.084	99	5586	0.390	ng		0.00
8) Nitrobenzene-d5	9.123	82	4052	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	6653	0.398	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	837	0.315	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	8664	0.415	ng		0.01
27) Fluoranthene-d10	19.356	212	11923	0.408	ng		0.00
31) Terphenyl-d14	19.941	244	9435	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.350	88	1997	0.468	ng		94
3) n-Nitrosodimethylamine	3.711	42	2164	0.443	ng		95
6) bis(2-Chloroethyl)ether	7.365	93	4664	0.405	ng		95
9) Naphthalene	10.789	128	12839	0.440	ng		99
10) Hexachlorobutadiene	11.002	225	2200	0.425	ng	#	99
12) 2-Methylnaphthalene	12.400	142	8298	0.406	ng		99
16) Acenaphthylene	14.298	152	13212	0.515	ng		99
17) Acenaphthene	14.630	154	7393	0.452	ng		99
18) Fluorene	15.618	166	9132	0.430	ng		97
20) 4,6-Dinitro-2-methylph...	16.785	198	52	0.336	ng	#	75
21) 4-Bromophenyl-phenylether	16.512	248	2375	0.392	ng	#	77
22) Hexachlorobenzene	16.586	284	2714	0.427	ng		98
23) Atrazine	16.785	200	1790	0.338	ng		97
24) Pentachlorophenol	16.971	266	824	0.275	ng		98
25) Phenanthrene	17.368	178	14246	0.454	ng		99
26) Anthracene	17.455	178	12392	0.418	ng		98
28) Fluoranthene	19.388	202	17035	0.471	ng		99
30) Pyrene	19.751	202	17494	0.447	ng		98
32) Benzo(a)anthracene	21.497	228	15785	0.435	ng		98
33) Chrysene	21.551	228	15930	0.455	ng		97
34) Bis(2-ethylhexyl)phtha...	21.372	149	9847	0.412	ng		99
36) Indeno(1,2,3-cd)pyrene	26.563	276	19006	0.464	ng		99
37) Benzo(b)fluoranthene	23.212	252	15557	0.395	ng		97
38) Benzo(k)fluoranthene	23.265	252	16069	0.402	ng		97
39) Benzo(a)pyrene	23.867	252	15469	0.416	ng		99
40) Dibenzo(a,h)anthracene	26.577	278	15389	0.459	ng		98
41) Benzo(g,h,i)perylene	27.372	276	16097	0.468	ng		97

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

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