Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
Data File : BN026932.D
Acq On : 17 Aug 2023 08:37
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 18 03:10:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	8735	0.400	ng		0.00
7) Naphthalene-d8	10.927	136	23239	0.400	ng		-0.01
13) Acenaphthene-d10	14.726	164	15907	0.400	ng		0.00
19) Phenanthrene-d10	17.468	188	34770	0.400	ng		#-0.01
29) Chrysene-d12	21.650	240	29652	0.400	ng		# 0.00
35) Perylene-d12	24.203	264	33012	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.610	112	8445	0.343	ng		0.00
5) Phenol-d6	7.228	99	10461	0.344	ng		0.00
8) Nitrobenzene-d5	9.283	82	6843	0.349	ng		-0.01
11) 2-Methylnaphthalene-d10	12.502	152	14674	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.214	330	2468	0.292	ng		0.00
15) 2-Fluorobiphenyl	13.358	172	23428	0.397	ng		0.00
27) Fluoranthene-d10	19.495	212	33650	0.377	ng		0.00
31) Terphenyl-d14	20.085	244	24028	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	3424	0.365	ng		99
3) n-Nitrosodimethylamine	3.812	42	3958	0.378	ng	#	98
6) bis(2-Chloroethyl)ether	7.524	93	10035	0.393	ng		99
9) Naphthalene	10.981	128	23897	0.391	ng		100
10) Hexachlorobutadiene	11.216	225	5120	0.410	ng	#	100
12) 2-Methylnaphthalene	12.574	142	18723	0.392	ng		99
16) Acenaphthylene	14.459	152	27915	0.368	ng		100
17) Acenaphthene	14.790	154	18221	0.389	ng		100
18) Fluorene	15.767	166	24054	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	16.921	198	183	0.336	ng	#	55
21) 4-Bromophenyl-phenylether	16.661	248	7639	0.385	ng	#	88
22) Hexachlorobenzene	16.748	284	8703	0.411	ng		99
23) Atrazine	16.921	200	5698	0.323	ng	#	95
24) Pentachlorophenol	17.095	266	3121	0.292	ng		96
25) Phenanthrene	17.517	178	39013	0.390	ng		100
26) Anthracene	17.604	178	33272	0.357	ng		100
28) Fluoranthene	19.523	202	45123	0.381	ng		100
30) Pyrene	19.890	202	46053	0.404	ng		100
32) Benzo(a)anthracene	21.641	228	40622	0.380	ng		98
33) Chrysene	21.694	228	42204	0.391	ng		99
34) Bis(2-ethylhexyl)phtha...	21.524	149	26289	0.341	ng		100
36) Indeno(1,2,3-cd)pyrene	26.896	276	50884	0.376	ng		99
37) Benzo(b)fluoranthene	23.411	252	44032	0.399	ng		98
38) Benzo(k)fluoranthene	23.464	252	44699m	0.394	ng		
39) Benzo(a)pyrene	24.089	252	42629	0.385	ng		98
40) Dibenzo(a,h)anthracene	26.928	278	39738	0.369	ng		100
41) Benzo(g,h,i)perylene	27.735	276	44406	0.383	ng		100

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

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