Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060723\
Data File : BN025765.D
Acq On : 07 Jun 2023 09:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 08 02:55:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9184	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	25893	0.400	ng	# 0.00
13) Acenaphthene-d10	14.640	164	14841	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	29530	0.400	ng	0.00
29) Chrysene-d12	21.569	240	15478	0.400	ng	0.00
35) Perylene-d12	24.051	264	13573	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	9378	0.363	ng	0.00
5) Phenol-d6	7.160	99	11604	0.366	ng	0.00
8) Nitrobenzene-d5	9.169	82	8630	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.407	152	16041	0.430	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	1209	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	26637	0.425	ng	0.00
27) Fluoranthene-d10	19.411	212	26105	0.430	ng	0.00
31) Terphenyl-d14	20.006	244	15880	0.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	4365	0.405	ng	# 92
3) n-Nitrosodimethylamine	3.736	42	3347	0.243	ng	# 95
6) bis(2-Chloroethyl)ether	7.420	93	11456	0.398	ng	98
9) Naphthalene	10.867	128	30571	0.395	ng	99
10) Hexachlorobutadiene	11.155	225	5787	0.486	ng	# 99
12) 2-Methylnaphthalene	12.479	142	20897	0.424	ng	99
16) Acenaphthylene	14.362	152	28138	0.394	ng	100
17) Acenaphthene	14.705	154	19603	0.418	ng	99
18) Fluorene	15.680	166	25443	0.422	ng	99
20) 4,6-Dinitro-2-methylph...	15.779	198	1415	0.265	ng	99
21) 4-Bromophenyl-phenylether	16.574	248	7651	0.448	ng	95
22) Hexachlorobenzene	16.686	284	7467	0.510	ng	90
23) Atrazine	16.835	200	5131	0.368	ng	98
24) Pentachlorophenol	17.046	266	1416	0.260	ng	94
25) Phenanthrene	17.430	178	38846	0.428	ng	100
26) Anthracene	17.517	178	33369	0.402	ng	100
28) Fluoranthene	19.444	202	38795	0.433	ng	99
30) Pyrene	19.806	202	38508	0.439	ng	100
32) Benzo(a)anthracene	21.551	228	23616	0.395	ng	100
33) Chrysene	21.605	228	28516	0.451	ng	98
34) Bis(2-ethylhexyl)phtha...	21.462	149	13834	0.389	ng	99
36) Indeno(1,2,3-cd)pyrene	26.647	276	25605	0.436	ng	96
37) Benzo(b)fluoranthene	23.285	252	22441	0.419	ng	98
38) Benzo(k)fluoranthene	23.338	252	22645	0.414	ng	99
39) Benzo(a)pyrene	23.931	252	21121	0.416	ng	99
40) Dibenzo(a,h)anthracene	26.668	278	19839	0.421	ng	98
41) Benzo(g,h,i)perylene	27.443	276	23798	0.452	ng	96

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

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