Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030323.D
Acq On : 07 Mar 2024 13:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 07 13:38:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	1878	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	4707	0.400	ng		-0.01
13) Acenaphthene-d10	14.458	164	2367	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4634	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3597	0.400	ng		0.00
35) Perylene-d12	23.794	264	4100	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1927	0.391	ng		0.00
5) Phenol-d6	6.973	99	1958	0.378	ng		0.00
8) Nitrobenzene-d5	8.971	82	1609	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	12.201	152	2839	0.416	ng		0.00
14) 2,4,6-Tribromophenol	15.965	330	427	0.351	ng		0.00
15) 2-Fluorobiphenyl	13.078	172	4077	0.415	ng		-0.01
27) Fluoranthene-d10	19.262	212	4941	0.388	ng		0.00
31) Terphenyl-d14	19.875	244	3727	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	897	0.368	ng		92
3) n-Nitrosodimethylamine	3.658	42	878	0.341	ng	#	99
6) bis(2-Chloroethyl)ether	7.248	93	1591	0.387	ng		97
9) Naphthalene	10.648	128	5508	0.419	ng		97
10) Hexachlorobutadiene	10.925	225	1322	0.441	ng	#	99
12) 2-Methylnaphthalene	12.276	142	3369	0.415	ng		96
16) Acenaphthylene	14.169	152	4488	0.393	ng		99
17) Acenaphthene	14.522	154	3022	0.410	ng		99
18) Fluorene	15.505	166	3581	0.404	ng		97
20) 4,6-Dinitro-2-methylph...	15.617	198	310	0.322	ng		93
21) 4-Bromophenyl-phenylether	16.411	248	1116	0.394	ng		93
22) Hexachlorobenzene	16.511	284	1393	0.425	ng		98
23) Atrazine	16.697	200	923	0.368	ng		96
24) Pentachlorophenol	16.871	266	628	0.368	ng		97
25) Phenanthrene	17.255	178	5380	0.406	ng		99
26) Anthracene	17.355	178	4656	0.382	ng		99
28) Fluoranthene	19.294	202	6172	0.382	ng		99
30) Pyrene	19.657	202	6447	0.427	ng		100
32) Benzo(a)anthracene	21.420	228	4772	0.378	ng		100
33) Chrysene	21.474	228	6036	0.442	ng		98
34) Bis(2-ethylhexyl)phtha...	21.367	149	3958	0.394	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.221	276	6840	0.398	ng		98
37) Benzo(b)fluoranthene	23.081	252	5717	0.399	ng		97
38) Benzo(k)fluoranthene	23.128	252	5817	0.400	ng		98
39) Benzo(a)pyrene	23.692	252	5262	0.416	ng		97
40) Dibenzo(a,h)anthracene	26.253	278	5288	0.392	ng		98
41) Benzo(g,h,i)perylene	26.961	276	6512	0.418	ng		98

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

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