Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030271.D
Acq On : 05 Mar 2024 14:35
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Mar 05 16:54:51 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 16:52:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1380	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3651	0.400	ng		0.00
13) Acenaphthene-d10	14.458	164	1872	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4004	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3417	0.400	ng		0.00
35) Perylene-d12	23.800	264	3742	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2754	0.760	ng		0.00
5) Phenol-d6	6.981	99	2965	0.778	ng		0.00
8) Nitrobenzene-d5	8.971	82	2538	0.762	ng		0.00
11) 2-Methylnaphthalene-d10	12.201	152	4154	0.784	ng		0.00
14) 2,4,6-Tribromophenol	15.965	330	749	0.778	ng		0.00
15) 2-Fluorobiphenyl	13.079	172	5994	0.771	ng		-0.01
27) Fluoranthene-d10	19.262	212	8564	0.779	ng		0.00
31) Terphenyl-d14	19.875	244	6842	0.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1271	0.710	ng		94
3) n-Nitrosodimethylamine	3.651	42	1423	0.759	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	2388	0.791	ng		97
9) Naphthalene	10.648	128	7780	0.763	ng		98
10) Hexachlorobutadiene	10.925	225	1781	0.765	ng	#	100
12) 2-Methylnaphthalene	12.276	142	4858	0.772	ng		97
16) Acenaphthylene	14.180	152	6867	0.760	ng		100
17) Acenaphthene	14.522	154	4460	0.765	ng		100
18) Fluorene	15.505	166	5385	0.768	ng		98
20) 4,6-Dinitro-2-methylph...	15.605	198	641	0.771	ng	#	84
21) 4-Bromophenyl-phenylether	16.411	248	1822	0.745	ng		98
22) Hexachlorobenzene	16.511	284	2149	0.760	ng		99
23) Atrazine	16.697	200	1650	0.761	ng		93
24) Pentachlorophenol	16.871	266	1159	0.786	ng		99
25) Phenanthrene	17.255	178	8671	0.757	ng		99
26) Anthracene	17.355	178	7916	0.752	ng		99
28) Fluoranthene	19.294	202	10762	0.772	ng		99
30) Pyrene	19.657	202	11061	0.771	ng		99
32) Benzo(a)anthracene	21.429	228	9415	0.786	ng		98
33) Chrysene	21.474	228	10031	0.774	ng		98
34) Bis(2-ethylhexyl)phtha...	21.376	149	6719	0.704	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.224	276	11913	0.760	ng		98
37) Benzo(b)fluoranthene	23.084	252	10101	0.773	ng		91
38) Benzo(k)fluoranthene	23.131	252	10124	0.762	ng	#	91
39) Benzo(a)pyrene	23.695	252	9008	0.780	ng	#	87
40) Dibenzo(a,h)anthracene	26.256	278	9603	0.779	ng		94
41) Benzo(g,h,i)perylene	26.964	276	10939	0.770	ng		98

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

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