Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024752.D
Acq On : 04 Apr 2023 18:32
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Apr 05 01:45:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 01:42:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	8645	0.400	ng		0.00
7) Naphthalene-d8	10.770	136	24834	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	14365	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	30697	0.400	ng		0.00
29) Chrysene-d12	21.529	240	29308	0.400	ng	#	0.00
35) Perylene-d12	23.977	264	26677	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.505	112	1980	0.101	ng		0.00
5) Phenol-d6	7.115	99	2339	0.095	ng		0.00
8) Nitrobenzene-d5	9.125	82	1840	0.095	ng		0.00
11) 2-Methylnaphthalene-d10	12.357	152	3048	0.096	ng		0.00
14) 2,4,6-Tribromophenol	16.097	330	546	0.088	ng		0.01
15) 2-Fluorobiphenyl	13.221	172	5208	0.093	ng		0.00
27) Fluoranthene-d10	19.374	212	6463	0.099	ng		0.00
31) Terphenyl-d14	19.968	244	5870	0.069	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	900	0.101	ng		93
3) n-Nitrosodimethylamine	3.692	42	1499	0.100	ng	#	99
6) bis(2-Chloroethyl)ether	7.375	93	2449	0.101	ng		98
9) Naphthalene	10.823	128	6151	0.096	ng		96
10) Hexachlorobutadiene	11.101	225	1201	0.094	ng	#	100
12) 2-Methylnaphthalene	12.429	142	4122	0.096	ng		97
16) Acenaphthylene	14.322	152	5144	0.086	ng		99
17) Acenaphthene	14.654	154	3832	0.092	ng		98
18) Fluorene	15.648	166	4990	0.088	ng		95
21) 4-Bromophenyl-phenylether	16.531	248	1728	0.094	ng	#	90
22) Hexachlorobenzene	16.655	284	1913	0.088	ng		97
23) Atrazine	16.804	200	1075	0.096	ng	#	92
25) Phenanthrene	17.388	178	8426	0.095	ng		99
26) Anthracene	17.475	178	6787	0.088	ng		99
28) Fluoranthene	19.404	202	9567	0.101	ng		99
30) Pyrene	19.766	202	9942	0.081	ng		100
32) Benzo(a)anthracene	21.511	228	10305	0.110	ng		98
33) Chrysene	21.565	228	11298	0.109	ng		98
34) Bis(2-ethylhexyl)phtha...	21.430	149	7032	0.167	ng		98
36) Indeno(1,2,3-cd)pyrene	26.520	276	10652	0.105	ng		99
37) Benzo(b)fluoranthene	23.231	252	9663	0.089	ng	#	73
38) Benzo(k)fluoranthene	23.278	252	9320	0.086	ng	#	78
39) Benzo(a)pyrene	23.865	252	9058	0.098	ng	#	59
40) Dibenzo(a,h)anthracene	26.544	278	8075	0.101	ng	#	88
41) Benzo(g,h,i)perylene	27.307	276	9298	0.100	ng		93

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

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