Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025537.D
Acq On : 22 May 2023 14:18
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 22 16:33:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	4295	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	12078	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7077	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	16876	0.400	ng		0.00
29) Chrysene-d12	21.620	240	12754	0.400	ng		0.00
35) Perylene-d12	24.139	264	12551	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	1351	0.139	ng		0.00
5) Phenol-d6	7.210	99	1629	0.131	ng		0.00
8) Nitrobenzene-d5	9.234	82	1203	0.125	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	1753	0.104	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	316	0.115	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	3411	0.126	ng		0.00
27) Fluoranthene-d10	19.460	212	3968	0.102	ng		0.00
31) Terphenyl-d14	20.053	244	3175	0.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	604	0.138	ng		94
3) n-Nitrosodimethylamine	3.787	42	673	0.139	ng	#	96
6) bis(2-Chloroethyl)ether	7.478	93	1425	0.118	ng		100
9) Naphthalene	10.931	128	3501	0.114	ng	#	92
10) Hexachlorobutadiene	11.230	225	613	0.105	ng	#	99
12) 2-Methylnaphthalene	12.540	142	2362	0.106	ng	#	91
16) Acenaphthylene	14.416	152	3304	0.102	ng		97
17) Acenaphthene	14.758	154	2371	0.111	ng		97
18) Fluorene	15.734	166	3113	0.118	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	430	0.123	ng	#	15
21) 4-Bromophenyl-phenylether	16.628	248	982	0.099	ng	#	92
22) Hexachlorobenzene	16.740	284	895	0.096	ng		99
23) Atrazine	16.889	200	913	0.113	ng	#	91
24) Pentachlorophenol	17.087	266	465	0.099	ng		98
25) Phenanthrene	17.472	178	6020	0.122	ng		98
26) Anthracene	17.571	178	4716	0.102	ng		99
28) Fluoranthene	19.490	202	5871	0.104	ng		98
30) Pyrene	19.852	202	6101	0.120	ng		99
32) Benzo(a)anthracene	21.602	228	5095	0.110	ng		98
33) Chrysene	21.656	228	5351	0.117	ng		100
34) Bis(2-ethylhexyl)phtha...	21.522	149	3645	0.134	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.770	276	5405	0.106	ng	#	87
37) Benzo(b)fluoranthene	23.361	252	5070	0.109	ng	#	81
38) Benzo(k)fluoranthene	23.414	252	4880	0.102	ng	#	81
39) Benzo(a)pyrene	24.019	252	4540	0.104	ng	#	74
40) Dibenzo(a,h)anthracene	26.800	278	4284	0.105	ng	#	83
41) Benzo(g,h,i)perylene	27.577	276	4674	0.109	ng		93

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

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