Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025591.D
Acq On : 25 May 2023 18:11
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 26 00:25:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:23:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	5148	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	13990	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7510	0.400	ng		0.00
19) Phenanthrene-d10	17.423	188	14706	0.400	ng		0.00
29) Chrysene-d12	21.598	240	9281	0.400	ng		0.00
35) Perylene-d12	24.103	264	9361	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	3041	0.226	ng		0.00
5) Phenol-d6	7.203	99	3015	0.205	ng		0.00
8) Nitrobenzene-d5	9.223	82	1843	0.175	ng		0.01
11) 2-Methylnaphthalene-d10	12.453	152	3726	0.194	ng		0.00
14) 2,4,6-Tribromophenol	16.219	330	13	0.335	ng		0.04
15) 2-Fluorobiphenyl	13.315	172	6193	0.198	ng		0.00
27) Fluoranthene-d10	19.448	212	6325	0.197	ng		0.00
31) Terphenyl-d14	20.040	244	3579	0.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	1369	0.221	ng		95
3) n-Nitrosodimethylamine	3.787	42	919	0.151	ng	#	96
6) bis(2-Chloroethyl)ether	7.471	93	4692	0.271	ng	#	82
9) Naphthalene	10.921	128	7786	0.204	ng		97
10) Hexachlorobutadiene	11.209	225	1433	0.210	ng	#	98
12) 2-Methylnaphthalene	12.525	142	4880	0.193	ng		97
16) Acenaphthylene	14.406	152	6683	0.190	ng		100
17) Acenaphthene	14.737	154	4578	0.197	ng		98
18) Fluorene	15.722	166	5564	0.196	ng		99
20) 4,6-Dinitro-2-methylph...	15.846	198	7	0.320	ng	#	3
21) 4-Bromophenyl-phenylether	16.616	248	1577	0.188	ng	#	87
22) Hexachlorobenzene	16.728	284	1641	0.204	ng		99
23) Atrazine	16.889	200	1028	0.172	ng	#	92
24) Pentachlorophenol	17.199	266	10	0.517	ng	#	1
25) Phenanthrene	17.460	178	8925	0.198	ng		100
26) Anthracene	17.559	178	7352	0.185	ng		99
28) Fluoranthene	19.477	202	9073	0.194	ng		99
30) Pyrene	19.840	202	9297	0.202	ng		100
32) Benzo(a)anthracene	21.580	228	6473	0.187	ng		99
33) Chrysene	21.634	228	7639	0.204	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	5251	0.233	ng		94
36) Indeno(1,2,3-cd)pyrene	26.734	276	8000	0.200	ng		94
37) Benzo(b)fluoranthene	23.334	252	6838	0.193	ng	#	80
38) Benzo(k)fluoranthene	23.387	252	6692	0.185	ng	#	82
39) Benzo(a)pyrene	23.986	252	6569	0.193	ng	#	71
40) Dibenzo(a,h)anthracene	26.755	278	5782	0.184	ng	#	82
41) Benzo(g,h,i)perylene	27.538	276	7290	0.206	ng		94

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

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