Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
Data File : BN021974.D
Acq On : 03 Oct 2022 12:33
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 04 01:10:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:08:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.986	152	3955	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	12100	0.400	ng		0.00
13) Acenaphthene-d10	14.657	164	6349	0.400	ng		0.00
19) Phenanthrene-d10	17.403	188	12998	0.400	ng	#	0.00
29) Chrysene-d12	21.609	240	10390	0.400	ng		0.00
35) Perylene-d12	24.087	264	8180	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.516	112	2308	0.223	ng		0.00
5) Phenol-d6	7.148	99	2958	0.223	ng		0.00
8) Nitrobenzene-d5	9.161	82	2360	0.223	ng		0.00
11) 2-Methylnaphthalene-d10	12.414	152	5473	0.243	ng		0.00
14) 2,4,6-Tribromophenol	16.150	330	533	0.189	ng		0.00
15) 2-Fluorobiphenyl	13.278	172	7072	0.257	ng		0.00
27) Fluoranthene-d10	19.445	212	8388	0.235	ng		0.00
31) Terphenyl-d14	20.041	244	5619	0.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	1360	0.258	ng		98
3) n-Nitrosodimethylamine	3.667	42	1425	0.239	ng	#	95
6) bis(2-Chloroethyl)ether	7.408	93	3232	0.240	ng		98
9) Naphthalene	10.870	128	9195	0.251	ng		99
10) Hexachlorobutadiene	11.147	225	1624	0.258	ng	#	99
12) 2-Methylnaphthalene	12.126	142	1225	0.172	ng	#	90
16) Acenaphthylene	14.379	152	7041	0.234	ng		100
17) Acenaphthene	14.710	154	5277	0.247	ng		98
18) Fluorene	15.705	166	6531	0.257	ng		99
20) 4,6-Dinitro-2-methylph...	15.790	198	342	0.156	ng	#	83
21) 4-Bromophenyl-phenylether	16.597	248	1929	0.235	ng		92
22) Hexachlorobenzene	16.708	284	2490	0.260	ng		98
23) Atrazine	16.870	200	1357	0.205	ng		98
24) Pentachlorophenol	17.068	266	606	0.160	ng		98
25) Phenanthrene	17.453	178	11147	0.247	ng		100
26) Anthracene	17.540	178	8363	0.227	ng		100
28) Fluoranthene	19.474	202	11504	0.236	ng		100
30) Pyrene	19.837	202	11567	0.248	ng		99
32) Benzo(a)anthracene	21.591	228	9463	0.236	ng		99
33) Chrysene	21.644	228	11144	0.257	ng		100
34) Bis(2-ethylhexyl)phtha...	21.501	149	4594	0.229	ng		99
36) Indeno(1,2,3-cd)pyrene	26.692	276	9933	0.244	ng		100
37) Benzo(b)fluoranthene	23.324	252	9765	0.248	ng		96
38) Benzo(k)fluoranthene	23.371	252	9169	0.238	ng		94
39) Benzo(a)pyrene	23.976	252	7092	0.239	ng		93
40) Dibenzo(a,h)anthracene	26.712	278	7836	0.241	ng		96
41) Benzo(g,h,i)perylene	27.490	276	8731	0.257	ng		99

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

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