Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050922\
Data File : BN019709.D
Acq On : 09 May 2022 19:05
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Quant Time: May 10 01:07:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 10 01:02:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	3937	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	11575	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	6745	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	14267	0.400	ng		0.00
29) Chrysene-d12	21.404	240	13296	0.400	ng		0.00
35) Perylene-d12	23.743	264	10642	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	13768	1.499	ng		0.00
5) Phenol-d6	7.024	99	17537	1.557	ng		0.00
8) Nitrobenzene-d5	9.003	82	15625	1.665	ng		0.00
11) 2-Methylnaphthalene-d10	12.234	152	32869	1.742	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	3958	1.587	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	49238	1.693	ng		0.00
27) Fluoranthene-d10	19.248	212	68440	1.730	ng		0.00
31) Terphenyl-d14	19.847	244	49205	1.580	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	8197m	1.797	ng		
3) n-Nitrosodimethylamine	3.673	42	8587	1.824	ng	#	93
6) bis(2-Chloroethyl)ether	7.284	93	19964	1.752	ng		100
9) Naphthalene	10.701	128	57834	1.747	ng		99
10) Hexachlorobutadiene	11.000	225	10690	1.675	ng	#	99
12) 2-Methylnaphthalene	12.310	142	39354	1.812	ng		100
16) Acenaphthylene	14.196	152	56826m	1.746	ng		
17) Acenaphthene	14.538	154	38972	1.741	ng		99
18) Fluorene	15.521	166	50016	1.818	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	3925	1.809	ng	#	83
21) 4-Bromophenyl-phenylether	16.415	248	15281	1.659	ng		100
22) Hexachlorobenzene	16.528	284	17440	1.707	ng		99
23) Atrazine	16.672	200	9066	1.537	ng		97
24) Pentachlorophenol	16.866	266	5415	1.417	ng		99
25) Phenanthrene	17.256	178	83281	1.762	ng		99
26) Anthracene	17.348	178	69450	1.730	ng		100
28) Fluoranthene	19.278	202	92364	1.870	ng		99
30) Pyrene	19.640	202	90543	1.647	ng		100
32) Benzo(a)anthracene	21.386	228	78980	1.676	ng		99
33) Chrysene	21.440	228	91425	1.775	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	29630	1.188	ng		99
36) Indeno(1,2,3-cd)pyrene	26.156	276	92320	1.909	ng		99
37) Benzo(b)fluoranthene	23.036	252	77726	1.767	ng		96
38) Benzo(k)fluoranthene	23.080	252	83904	1.802	ng		96
39) Benzo(a)pyrene	23.641	252	61780	1.852	ng	#	93
40) Dibenzo(a,h)anthracene	26.170	278	76338	1.937	ng		97
41) Benzo(g,h,i)perylene	26.889	276	76447	1.960	ng		98

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

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