Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019320.D
Acq On : 04 Apr 2022 15:36
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 04 16:14:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 15:25:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4186	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	12092	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	7933	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	17164	0.400	ng		0.00
29) Chrysene-d12	21.395	240	15365	0.400	ng	#	0.00
35) Perylene-d12	23.749	264	13475	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	17159	1.875	ng		0.00
5) Phenol-d6	6.988	99	21095	2.171	ng		0.00
8) Nitrobenzene-d5	8.982	82	16693	1.922	ng		0.00
11) 2-Methylnaphthalene-d10	12.219	152	33673	1.754	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	7403	1.994	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	52413	1.646	ng		0.00
27) Fluoranthene-d10	19.240	212	88442	1.715	ng		0.00
31) Terphenyl-d14	19.834	244	50988	1.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	8063	1.449	ng		98
3) n-Nitrosodimethylamine	3.536	42	10269	1.768	ng	#	99
6) bis(2-Chloroethyl)ether	7.241	93	21698	1.872	ng		97
9) Naphthalene	10.680	128	56250	1.605	ng		99
10) Hexachlorobutadiene	10.979	225	12198	1.491	ng	#	100
12) 2-Methylnaphthalene	12.295	142	39482	1.746	ng		99
16) Acenaphthylene	14.185	152	64580	1.768	ng		99
17) Acenaphthene	14.527	154	42653	1.640	ng		98
18) Fluorene	15.511	166	55232	1.698	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	5301	2.498	ng		93
21) 4-Bromophenyl-phenylether	16.395	248	18582	1.687	ng	#	77
22) Hexachlorobenzene	16.528	284	21590	1.506	ng		99
23) Atrazine	16.661	200	14424	1.910	ng		99
24) Pentachlorophenol	16.867	266	7842	1.900	ng		99
25) Phenanthrene	17.246	178	91245	1.689	ng		100
26) Anthracene	17.338	178	80928	1.811	ng		100
28) Fluoranthene	19.270	202	110487	1.714	ng		99
30) Pyrene	19.632	202	112120	1.477	ng		100
32) Benzo(a)anthracene	21.378	228	90995	1.890	ng		99
33) Chrysene	21.431	228	100382	1.631	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	60173	1.870	ng		100
36) Indeno(1,2,3-cd)pyrene	26.173	276	90360	1.641	ng		98
37) Benzo(b)fluoranthene	23.033	252	87436	1.747	ng		96
38) Benzo(k)fluoranthene	23.080	252	90117	1.669	ng		97
39) Benzo(a)pyrene	23.644	252	77054	1.694	ng	#	94
40) Dibenzo(a,h)anthracene	26.188	278	70047	1.742	ng		98
41) Benzo(g,h,i)perylene	26.913	276	85577	1.523	ng		99

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

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