Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033022\
Data File : BN019235.D
Acq On : 30 Mar 2022 09:42
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 30 12:06:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:03:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4209	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	10843	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	6124	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	12607	0.400	ng		0.00
29) Chrysene-d12	21.404	240	9352	0.400	ng	#	0.00
35) Perylene-d12	23.764	264	7596	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	4263	0.429	ng		0.00
5) Phenol-d6	6.995	99	4364	0.383	ng		0.00
8) Nitrobenzene-d5	8.993	82	3083	0.367	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	6824	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1155	0.388	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	10428	0.405	ng		0.00
27) Fluoranthene-d10	19.248	212	15178	0.411	ng		0.00
31) Terphenyl-d14	19.843	244	8566	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	2409	0.430	ng		95
3) n-Nitrosodimethylamine	3.557	42	2475	0.395	ng		99
6) bis(2-Chloroethyl)ether	7.248	93	5071	0.413	ng		98
9) Naphthalene	10.690	128	12685	0.415	ng		99
10) Hexachlorobutadiene	10.979	225	3000	0.438	ng	#	99
12) 2-Methylnaphthalene	12.303	142	8058	0.402	ng		99
16) Acenaphthylene	14.196	152	10946	0.392	ng		99
17) Acenaphthene	14.538	154	8075	0.408	ng		100
18) Fluorene	15.521	166	10109	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.607	198	647	0.315	ng	#	76
21) 4-Bromophenyl-phenylether	16.405	248	3276	0.400	ng	#	81
22) Hexachlorobenzene	16.528	284	4324	0.446	ng		99
23) Atrazine	16.672	200	2169	0.382	ng		99
24) Pentachlorophenol	16.877	266	1372	0.395	ng		99
25) Phenanthrene	17.256	178	16183	0.400	ng		100
26) Anthracene	17.349	178	12922	0.385	ng		100
28) Fluoranthene	19.278	202	19230	0.421	ng		99
30) Pyrene	19.640	202	19448	0.440	ng		100
32) Benzo(a)anthracene	21.386	228	12580	0.419	ng		99
33) Chrysene	21.440	228	16871	0.438	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	10302	0.563	ng		99
36) Indeno(1,2,3-cd)pyrene	26.199	276	11641	0.383	ng		98
37) Benzo(b)fluoranthene	23.048	252	15070	0.522	ng		95
38) Benzo(k)fluoranthene	23.092	252	19254	0.526	ng		96
39) Benzo(a)pyrene	23.659	252	11216	0.454	ng	#	85
40) Dibenzo(a,h)anthracene	26.223	278	9020	0.394	ng	#	90
41) Benzo(g,h,i)perylene	26.942	276	13283	0.425	ng		98

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

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