Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019676.D
Acq On : 04 May 2022 22:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 05 04:58:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5644	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16199	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	8988	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18582	0.400	ng		0.00
29) Chrysene-d12	21.404	240	14185	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	11750	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	5080	0.386	ng		0.00
5) Phenol-d6	7.024	99	6040	0.374	ng		0.00
8) Nitrobenzene-d5	9.003	82	4778	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.242	152	10629	0.403	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1134	0.341	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	15802	0.408	ng		0.01
27) Fluoranthene-d10	19.248	212	19568	0.380	ng		0.00
31) Terphenyl-d14	19.847	244	13815	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2612	0.400	ng		98
3) n-Nitrosodimethylamine	3.680	42	2526	0.374	ng	#	82
6) bis(2-Chloroethyl)ether	7.291	93	6474	0.396	ng		99
9) Naphthalene	10.701	128	18573	0.401	ng		100
10) Hexachlorobutadiene	11.000	225	3626	0.406	ng	#	100
12) 2-Methylnaphthalene	12.314	142	12158	0.400	ng		100
16) Acenaphthylene	14.196	152	16662	0.384	ng		98
17) Acenaphthene	14.538	154	11907	0.399	ng		99
18) Fluorene	15.521	166	14571	0.398	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	1026	0.363	ng	#	87
21) 4-Bromophenyl-phenylether	16.415	248	4725	0.394	ng	#	81
22) Hexachlorobenzene	16.538	284	5338	0.401	ng		98
23) Atrazine	16.682	200	2620	0.341	ng	#	94
24) Pentachlorophenol	16.866	266	1721	0.346	ng		95
25) Phenanthrene	17.256	178	24447	0.397	ng		100
26) Anthracene	17.349	178	19655	0.376	ng		99
28) Fluoranthene	19.278	202	24387	0.379	ng		99
30) Pyrene	19.640	202	24189	0.413	ng		100
32) Benzo(a)anthracene	21.386	228	19432	0.387	ng		99
33) Chrysene	21.440	228	22529	0.410	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	9483	0.356	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.156	276	20780	0.389	ng		99
37) Benzo(b)fluoranthene	23.033	252	19004	0.391	ng		94
38) Benzo(k)fluoranthene	23.083	252	20787	0.404	ng	#	91
39) Benzo(a)pyrene	23.641	252	13862	0.376	ng	#	90
40) Dibenzo(a,h)anthracene	26.176	278	16953	0.390	ng		99
41) Benzo(g,h,i)perylene	26.887	276	16446	0.382	ng		99

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

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