Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019692.D
Acq On : 05 May 2022 09:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 05 09:40:22 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	7.862	152	6323	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	18785	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	10588	0.400	ng		-0.01
19) Phenanthrene-d10	17.215	188	20564	0.400	ng		0.00
29) Chrysene-d12	21.405	240	14986	0.400	ng		# 0.00
35) Perylene-d12	23.744	264	13004	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	6371	0.432	ng		0.00
5) Phenol-d6	7.024	99	7788	0.431	ng		0.00
8) Nitrobenzene-d5	9.004	82	5903	0.388	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	12304	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1457	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	17756	0.389	ng		0.00
27) Fluoranthene-d10	19.244	212	21600	0.379	ng		0.00
31) Terphenyl-d14	19.847	244	14895	0.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2741	0.374	ng		95
3) n-Nitrosodimethylamine	3.680	42	2866	0.379	ng	#	88
6) bis(2-Chloroethyl)ether	7.284	93	7388	0.404	ng		100
9) Naphthalene	10.701	128	21414	0.398	ng		100
10) Hexachlorobutadiene	11.000	225	4189	0.404	ng	#	98
12) 2-Methylnaphthalene	12.310	142	14188	0.403	ng		100
16) Acenaphthylene	14.196	152	20030	0.392	ng		99
17) Acenaphthene	14.538	154	13538	0.385	ng		99
18) Fluorene	15.522	166	16735	0.388	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	996	0.319	ng	#	90
21) 4-Bromophenyl-phenylether	16.415	248	5301	0.399	ng	#	76
22) Hexachlorobenzene	16.528	284	5898	0.401	ng		98
23) Atrazine	16.672	200	3264	0.384	ng		97
24) Pentachlorophenol	16.867	266	2115	0.384	ng		95
25) Phenanthrene	17.256	178	26800	0.393	ng		99
26) Anthracene	17.349	178	22671	0.392	ng		99
28) Fluoranthene	19.274	202	26530	0.373	ng		99
30) Pyrene	19.636	202	26586	0.429	ng		100
32) Benzo(a)anthracene	21.387	228	22413	0.422	ng		99
33) Chrysene	21.440	228	23369	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	13354	0.475	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.153	276	22974	0.389	ng		100
37) Benzo(b)fluoranthene	23.033	252	20334	0.378	ng		93
38) Benzo(k)fluoranthene	23.080	252	21637	0.380	ng	#	92
39) Benzo(a)pyrene	23.639	252	16286	0.399	ng	#	90
40) Dibenzo(a,h)anthracene	26.167	278	18439	0.383	ng		98
41) Benzo(g,h,i)perylene	26.884	276	18489	0.388	ng		99

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

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