Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042022\
Data File : BN019499.D
Acq On : 19 Apr 2022 16:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 20 04:08:43 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 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	5214	0.400	ng		-0.01
7) Naphthalene-d8	10.613	136	15148	0.400	ng		#-0.01
13) Acenaphthene-d10	14.454	164	9097	0.400	ng		0.00
19) Phenanthrene-d10	17.196	188	16986	0.400	ng		0.00
29) Chrysene-d12	21.393	240	9581	0.400	ng		# 0.00
35) Perylene-d12	23.750	264	6879	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	4601	0.329	ng		-0.01
5) Phenol-d6	6.981	99	4599	0.274	ng		0.00
8) Nitrobenzene-d5	8.980	82	3735	0.271	ng		0.00
11) 2-Methylnaphthalene-d10	12.213	152	9958	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.955	330	1231	0.223	ng		0.00
15) 2-Fluorobiphenyl	13.085	172	14830	0.392	ng		0.00
27) Fluoranthene-d10	19.233	212	18374	0.336	ng		0.00
31) Terphenyl-d14	19.836	244	10203	0.490	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	2706	0.434	ng		95
3) n-Nitrosodimethylamine	3.544	42	2369	0.287	ng		99
6) bis(2-Chloroethyl)ether	7.234	93	5372	0.318	ng		94
9) Naphthalene	10.667	128	17752	0.397	ng		100
10) Hexachlorobutadiene	10.955	225	4094	0.420	ng	#	100
12) 2-Methylnaphthalene	12.289	142	11558	0.373	ng		97
16) Acenaphthylene	14.176	152	15192	0.336	ng		99
17) Acenaphthene	14.518	154	11561	0.385	ng		98
18) Fluorene	15.501	166	14353	0.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.608	198	422	0.135	ng	#	54
21) 4-Bromophenyl-phenylether	16.396	248	4293	0.375	ng		95
22) Hexachlorobenzene	16.519	284	5766	0.431	ng		99
23) Atrazine	16.663	200	2503	0.265	ng		99
24) Pentachlorophenol	16.868	266	992	0.190	ng		97
25) Phenanthrene	17.237	178	21093	0.370	ng		100
26) Anthracene	17.340	178	15664	0.313	ng		100
28) Fluoranthene	19.262	202	22354	0.331	ng		99
30) Pyrene	19.625	202	22274	0.500	ng		100
32) Benzo(a)anthracene	21.375	228	10104	0.285	ng		98
33) Chrysene	21.428	228	15496	0.394	ng		100
34) Bis(2-ethylhexyl)phtha...	21.303	149	6981	0.265	ng		99
36) Indeno(1,2,3-cd)pyrene	26.182	276	9411	0.327	ng		93
37) Benzo(b)fluoranthene	23.030	252	9875	0.366	ng		97
38) Benzo(k)fluoranthene	23.080	252	10588	0.376	ng		96
39) Benzo(a)pyrene	23.644	252	9325	0.385	ng	#	91
40) Dibenzo(a,h)anthracene	26.205	278	6420	0.288	ng	#	86
41) Benzo(g,h,i)perylene	26.916	276	10816	0.405	ng		98

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

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