Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110922\
Data File : BN022579.D
Acq On : 09 Nov 2022 15:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 09 23:58:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 23:46:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.906	152	2387	0.400	ng		0.00
7) Naphthalene-d8	10.731	136	7664	0.400	ng		0.00
13) Acenaphthene-d10	14.578	164	4718	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	10633	0.400	ng		0.00
29) Chrysene-d12	21.546	240	9217	0.400	ng	#	0.00
35) Perylene-d12	23.996	264	7199	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.458	112	2990	0.444	ng		0.00
5) Phenol-d6	7.104	99	4446	0.523	ng		0.00
8) Nitrobenzene-d5	9.086	82	2851	0.412	ng		0.00
11) 2-Methylnaphthalene-d10	12.330	152	4964	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.096	330	936	0.378	ng		0.01
15) 2-Fluorobiphenyl	13.210	172	8057	0.410	ng		0.01
27) Fluoranthene-d10	19.382	212	11650	0.401	ng		0.00
31) Terphenyl-d14	19.980	244	11862	0.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	1221	0.340	ng		96
3) n-Nitrosodimethylamine	3.602	42	1287	0.346	ng		96
6) bis(2-Chloroethyl)ether	7.336	93	3162	0.416	ng		100
9) Naphthalene	10.784	128	8849	0.381	ng		99
10) Hexachlorobutadiene	11.062	225	1522	0.380	ng	#	99
12) 2-Methylnaphthalene	12.085	142	2087	0.378	ng	#	94
16) Acenaphthylene	14.300	152	8641	0.361	ng		100
17) Acenaphthene	14.643	154	5769	0.374	ng		100
18) Fluorene	15.637	166	8038	0.372	ng		99
20) 4,6-Dinitro-2-methylph...	15.736	198	486	0.412	ng		90
21) 4-Bromophenyl-phenylether	16.531	248	2361	0.360	ng		99
22) Hexachlorobenzene	16.643	284	2838	0.378	ng		97
23) Atrazine	16.804	200	1913	0.323	ng		99
24) Pentachlorophenol	17.003	266	926	0.410	ng		97
25) Phenanthrene	17.387	178	13529	0.381	ng		100
26) Anthracene	17.474	178	11285	0.361	ng		100
28) Fluoranthene	19.416	202	15487	0.404	ng		100
30) Pyrene	19.778	202	15725	0.395	ng		100
32) Benzo(a)anthracene	21.537	228	13473	0.364	ng		99
33) Chrysene	21.591	228	14126	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.448	149	8090	0.259	ng		98
36) Indeno(1,2,3-cd)pyrene	26.563	276	10557	0.305	ng		98
37) Benzo(b)fluoranthene	23.242	252	12333	0.436	ng		99
38) Benzo(k)fluoranthene	23.295	252	11971	0.415	ng		99
39) Benzo(a)pyrene	23.888	252	9672	0.399	ng		94
40) Dibenzo(a,h)anthracene	26.584	278	8377	0.304	ng		96
41) Benzo(g,h,i)perylene	27.356	276	8953	0.306	ng		97

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

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