Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072022\
Data File : BN020797.D
Acq On : 20 Jul 2022 08:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 20 10:45:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	2132	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	9174	0.400	ng	#-0.01
13) Acenaphthene-d10	14.463	164	5837	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	11423	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	11969	0.400	ng	0.00
35) Perylene-d12	23.773	264	9888	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2096	0.354	ng	0.00
5) Phenol-d6	7.009	99	2445	0.346	ng	0.00
8) Nitrobenzene-d5	8.982	82	2367	0.318	ng	0.01
11) 2-Methylnaphthalene-d10	12.212	152	5891	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	673	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	8660	0.359	ng	0.00
27) Fluoranthene-d10	19.257	212	12548	0.370	ng	0.00
31) Terphenyl-d14	19.864	244	10136	0.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	1086	0.389	ng	91
3) n-Nitrosodimethylamine	3.601	42	1020	0.400	ng	# 98
6) bis(2-Chloroethyl)ether	7.241	93	2327	0.382	ng	96
9) Naphthalene	10.658	128	10343	0.377	ng	99
10) Hexachlorobutadiene	10.957	225	1734	0.347	ng	# 99
12) 2-Methylnaphthalene	12.287	142	6959	0.382	ng	99
16) Acenaphthylene	14.185	152	9593	0.342	ng	99
17) Acenaphthene	14.527	154	7071	0.370	ng	96
18) Fluorene	15.522	166	9172	0.368	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	486	0.442	ng	# 61
21) 4-Bromophenyl-phenylether	16.415	248	2333	0.351	ng	# 86
22) Hexachlorobenzene	16.528	284	2445	0.332	ng	96
23) Atrazine	16.682	200	1535	0.293	ng	96
24) Pentachlorophenol	16.887	266	810	0.527	ng	98
25) Phenanthrene	17.256	178	12903	0.335	ng	99
26) Anthracene	17.349	178	11058	0.333	ng	100
28) Fluoranthene	19.291	202	15386	0.366	ng	100
30) Pyrene	19.653	202	18849	0.372	ng	100
32) Benzo(a)anthracene	21.404	228	13636	0.319	ng	97
33) Chrysene	21.458	228	18623	0.393	ng	98
34) Bis(2-ethylhexyl)phtha...	21.342	149	7036	0.292	ng	98
36) Indeno(1,2,3-cd)pyrene	26.202	276	15350	0.348	ng	99
37) Benzo(b)fluoranthene	23.060	252	15597	0.409	ng	98
38) Benzo(k)fluoranthene	23.106	252	16094	0.397	ng	96
39) Benzo(a)pyrene	23.671	252	12422	0.376	ng	94
40) Dibenzo(a,h)anthracene	26.226	278	11948	0.338	ng	97
41) Benzo(g,h,i)perylene	26.948	276	14087	0.365	ng	99

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

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