Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020482.D
Acq On : 27 Jun 2022 03:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/30/2022

Quant Time: Jun 27 04:34:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	3175	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	10116	0.400	ng		# 0.00
13) Acenaphthene-d10	14.367	164	6133	0.400	ng		0.00
19) Phenanthrene-d10	17.113	188	13205	0.400	ng		0.00
29) Chrysene-d12	21.306	240	11691	0.400	ng		# 0.00
35) Perylene-d12	23.589	264	10690	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	3377	0.383	ng		0.00
5) Phenol-d6	6.944	99	4113	0.391	ng		0.00
8) Nitrobenzene-d5	8.896	82	2918	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	6632	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	860	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.998	172	9596	0.379	ng		0.00
27) Fluoranthene-d10	19.147	212	14916	0.380	ng		0.00
31) Terphenyl-d14	19.746	244	10732	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1555	0.374	ng		98
3) n-Nitrosodimethylamine	3.564	42	1307	0.345	ng	#	93
6) bis(2-Chloroethyl)ether	7.168	93	3415	0.377	ng		100
9) Naphthalene	10.573	128	11473	0.380	ng		99
10) Hexachlorobutadiene	10.872	225	2120	0.385	ng	#	99
12) 2-Methylnaphthalene	12.193	142	7722	0.385	ng		99
16) Acenaphthylene	14.089	152	11077	0.376	ng		98
17) Acenaphthene	14.431	154	7659	0.382	ng		96
18) Fluorene	15.414	166	9998	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.511	198	620	0.465	ng	#	79
21) 4-Bromophenyl-phenylether	16.302	248	2826	0.368	ng	#	89
22) Hexachlorobenzene	16.425	284	3197	0.376	ng		99
23) Atrazine	16.579	200	2050	0.339	ng		98
24) Pentachlorophenol	16.784	266	858	0.499	ng		97
25) Phenanthrene	17.154	178	16639	0.374	ng		100
26) Anthracene	17.246	178	14096	0.367	ng		100
28) Fluoranthene	19.177	202	18717	0.385	ng		99
30) Pyrene	19.539	202	19360	0.391	ng		100
32) Benzo(a)anthracene	21.288	228	15675	0.375	ng		99
33) Chrysene	21.342	228	17999	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.225	149	7972	0.339	ng		99
36) Indeno(1,2,3-cd)pyrene	25.922	276	16259	0.341	ng		99
37) Benzo(b)fluoranthene	22.899	252	16240m	0.394	ng		
38) Benzo(k)fluoranthene	22.942	252	16273	0.371	ng		97
39) Benzo(a)pyrene	23.486	252	13753	0.385	ng	#	91
40) Dibenzo(a,h)anthracene	25.933	278	13026	0.341	ng		97
41) Benzo(g,h,i)perylene	26.632	276	13780	0.330	ng		98

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

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