Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071522\
Data File : BN020746.D
Acq On : 15 Jul 2022 14:01
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 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 03:23:10 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	3513	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	11575	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	5966	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	13228	0.400	ng	#	0.00
29) Chrysene-d12	21.431	240	14342	0.400	ng	#	0.00
35) Perylene-d12	23.779	264	12224	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3164	0.324	ng		0.00
5) Phenol-d6	7.009	99	4191	0.360	ng		0.00
8) Nitrobenzene-d5	8.971	82	3324	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.212	152	6629	0.334	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	756	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9039	0.367	ng		0.00
27) Fluoranthene-d10	19.261	212	18163	0.462	ng		0.00
31) Terphenyl-d14	19.864	244	12826	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1550	0.337	ng		97
3) n-Nitrosodimethylamine	3.593	42	1639	0.390	ng		97
6) bis(2-Chloroethyl)ether	7.240	93	3969	0.396	ng		98
9) Naphthalene	10.658	128	13213	0.382	ng		99
10) Hexachlorobutadiene	10.957	225	1921	0.305	ng	#	99
12) 2-Methylnaphthalene	12.287	142	7829	0.341	ng		99
16) Acenaphthylene	14.185	152	10453	0.365	ng		98
17) Acenaphthene	14.527	154	7304	0.374	ng		95
18) Fluorene	15.521	166	9704	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	490	0.414	ng	#	67
21) 4-Bromophenyl-phenylether	16.415	248	2796	0.364	ng		88
22) Hexachlorobenzene	16.528	284	3175	0.373	ng		97
23) Atrazine	16.692	200	1956	0.323	ng		99
24) Pentachlorophenol	16.887	266	1042	0.565	ng		96
25) Phenanthrene	17.256	178	16118	0.361	ng		100
26) Anthracene	17.349	178	13386	0.348	ng		99
28) Fluoranthene	19.291	202	23301	0.479	ng		99
30) Pyrene	19.653	202	23666	0.390	ng		100
32) Benzo(a)anthracene	21.413	228	18307	0.357	ng		99
33) Chrysene	21.467	228	22668	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	9633	0.334	ng		98
36) Indeno(1,2,3-cd)pyrene	26.217	276	19168	0.352	ng		99
37) Benzo(b)fluoranthene	23.065	252	19028	0.404	ng		98
38) Benzo(k)fluoranthene	23.112	252	20519m	0.409	ng		
39) Benzo(a)pyrene	23.676	252	15446	0.378	ng		97
40) Dibenzo(a,h)anthracene	26.232	278	14764	0.338	ng		98
41) Benzo(g,h,i)perylene	26.957	276	17056	0.357	ng		99

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

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