Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025566.D
Acq On : 23 May 2023 09:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Quant Time: May 23 09:51:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	5428	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	16220	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	9728	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	21449	0.400	ng		0.00
29) Chrysene-d12	21.616	240	16091	0.400	ng		0.00
35) Perylene-d12	24.132	264	16205	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	6365	0.456	ng		0.00
5) Phenol-d6	7.211	99	8223	0.467	ng		0.00
8) Nitrobenzene-d5	9.223	82	6057	0.406	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	9826	0.413	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1704	0.419	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	17246	0.409	ng		0.00
27) Fluoranthene-d10	19.456	212	20071	0.395	ng		0.00
31) Terphenyl-d14	20.049	244	13802	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2473	0.394	ng		98
3) n-Nitrosodimethylamine	3.780	42	2685	0.360	ng	#	96
6) bis(2-Chloroethyl)ether	7.478	93	6971	0.432	ng		100
9) Naphthalene	10.931	128	18360	0.408	ng		100
10) Hexachlorobutadiene	11.220	225	3145	0.401	ng	#	100
12) 2-Methylnaphthalene	12.536	142	12962	0.407	ng		99
16) Acenaphthylene	14.416	152	18908	0.396	ng		100
17) Acenaphthene	14.758	154	12830	0.390	ng		98
18) Fluorene	15.735	166	15696	0.382	ng		98
20) 4,6-Dinitro-2-methylph...	15.797	198	1740	0.307	ng	#	69
21) 4-Bromophenyl-phenylether	16.628	248	5090	0.401	ng	#	88
22) Hexachlorobenzene	16.740	284	4614	0.407	ng		99
23) Atrazine	16.877	200	4147	0.371	ng	#	92
24) Pentachlorophenol	17.075	266	2275	0.356	ng		100
25) Phenanthrene	17.472	178	27031	0.392	ng		100
26) Anthracene	17.559	178	24614	0.393	ng		99
28) Fluoranthene	19.486	202	29818	0.391	ng		99
30) Pyrene	19.848	202	30120	0.415	ng		100
32) Benzo(a)anthracene	21.598	228	26098	0.410	ng		99
33) Chrysene	21.652	228	26891	0.407	ng		100
34) Bis(2-ethylhexyl)phtha...	21.518	149	15469	0.391	ng		100
36) Indeno(1,2,3-cd)pyrene	26.764	276	29323	0.396	ng		98
37) Benzo(b)fluoranthene	23.357	252	26483m	0.406	ng		
38) Benzo(k)fluoranthene	23.410	252	26297	0.396	ng		99
39) Benzo(a)pyrene	24.012	252	24654	0.411	ng	#	95
40) Dibenzo(a,h)anthracene	26.793	278	23520	0.391	ng		98
41) Benzo(g,h,i)perylene	27.576	276	23651	0.374	ng		100

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

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