Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062823\
Data File : BN026050.D
Acq On : 28 Jun 2023 09:42
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 00:10:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 05:23:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	6350	0.400	ng		0.00
7) Naphthalene-d8	10.782	136	19814	0.400	ng		0.00
13) Acenaphthene-d10	14.609	164	12055	0.400	ng		0.00
19) Phenanthrene-d10	17.356	188	23075	0.400	ng		0.00
29) Chrysene-d12	21.542	240	12222	0.400	ng		0.00
35) Perylene-d12	24.013	264	11228	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.521	112	6131	0.398	ng		0.00
5) Phenol-d6	7.131	99	7795	0.397	ng		0.00
8) Nitrobenzene-d5	9.138	82	6548	0.386	ng		-0.01
11) 2-Methylnaphthalene-d10	12.370	152	12053	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	1632	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.229	172	19067	0.410	ng		-0.01
27) Fluoranthene-d10	19.384	212	19419	0.397	ng		0.00
31) Terphenyl-d14	19.978	244	12048	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	2797	0.416	ng		94
3) n-Nitrosodimethylamine	3.715	42	2502	0.368	ng	#	99
6) bis(2-Chloroethyl)ether	7.391	93	6445	0.399	ng		100
9) Naphthalene	10.825	128	22187	0.414	ng		99
10) Hexachlorobutadiene	11.113	225	4302	0.415	ng	#	100
12) 2-Methylnaphthalene	12.442	142	15489	0.410	ng		100
16) Acenaphthylene	14.331	152	22301	0.395	ng		100
17) Acenaphthene	14.662	154	14986	0.411	ng		99
18) Fluorene	15.656	166	19538	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.755	198	1367	0.466	ng		88
21) 4-Bromophenyl-phenylether	16.537	248	5577	0.423	ng	#	79
22) Hexachlorobenzene	16.661	284	5645	0.428	ng		99
23) Atrazine	16.810	200	4623	0.409	ng		99
24) Pentachlorophenol	17.009	266	2622	0.422	ng		97
25) Phenanthrene	17.393	178	27848	0.412	ng		100
26) Anthracene	17.493	178	24303	0.399	ng		99
28) Fluoranthene	19.416	202	27823	0.392	ng		99
30) Pyrene	19.774	202	27552	0.407	ng		100
32) Benzo(a)anthracene	21.525	228	18014	0.410	ng		99
33) Chrysene	21.578	228	19659	0.401	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	15083	0.384	ng		98
36) Indeno(1,2,3-cd)pyrene	26.598	276	18858	0.409	ng		99
37) Benzo(b)fluoranthene	23.256	252	16325	0.401	ng		99
38) Benzo(k)fluoranthene	23.306	252	17409m	0.395	ng		
39) Benzo(a)pyrene	23.908	252	16172	0.405	ng		99
40) Dibenzo(a,h)anthracene	26.610	278	14775	0.409	ng		99
41) Benzo(g,h,i)perylene	27.393	276	17154	0.408	ng		99

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

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