Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025891.D
Acq On : 16 Jun 2023 23:21
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 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 02:36:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.005	152	4683	0.400	ng		0.00
7) Naphthalene-d8	10.814	136	11975	0.400	ng		0.00
13) Acenaphthene-d10	14.630	164	6174	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	12707	0.400	ng	#	0.00
29) Chrysene-d12	21.560	240	9245	0.400	ng		0.00
35) Perylene-d12	24.040	264	9261	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	4396	0.334	ng		0.00
5) Phenol-d6	7.160	99	5144	0.318	ng		0.00
8) Nitrobenzene-d5	9.180	82	3864	0.347	ng		0.01
11) 2-Methylnaphthalene-d10	12.404	152	6616	0.384	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	737	0.387	ng		0.01
15) 2-Fluorobiphenyl	13.261	172	10145	0.389	ng		0.00
27) Fluoranthene-d10	19.407	212	11984	0.458	ng		0.00
31) Terphenyl-d14	19.997	244	7742	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	2312	0.421	ng		95
3) n-Nitrosodimethylamine	3.751	42	1525	0.217	ng	#	96
6) bis(2-Chloroethyl)ether	7.427	93	5134	0.350	ng		93
9) Naphthalene	10.867	128	13515	0.377	ng		99
10) Hexachlorobutadiene	11.145	225	2541	0.461	ng	#	98
12) 2-Methylnaphthalene	12.476	142	8624	0.379	ng		98
16) Acenaphthylene	14.352	152	11551	0.389	ng		99
17) Acenaphthene	14.694	154	7903	0.405	ng		99
18) Fluorene	15.680	166	10117	0.403	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	624	0.272	ng	#	1
21) 4-Bromophenyl-phenylether	16.574	248	2852	0.388	ng		92
22) Hexachlorobenzene	16.686	284	2902	0.461	ng		94
23) Atrazine	16.835	200	2327	0.388	ng		98
24) Pentachlorophenol	17.046	266	521	0.222	ng		98
25) Phenanthrene	17.418	178	15850	0.406	ng		100
26) Anthracene	17.517	178	13668	0.383	ng		100
28) Fluoranthene	19.435	202	17632	0.458	ng		99
30) Pyrene	19.797	202	18147	0.346	ng		100
32) Benzo(a)anthracene	21.542	228	13665	0.383	ng		99
33) Chrysene	21.596	228	16271	0.431	ng		100
34) Bis(2-ethylhexyl)phtha...	21.453	149	8725	0.410	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.639	276	17106	0.427	ng		98
37) Benzo(b)fluoranthene	23.276	252	15213	0.417	ng		98
38) Benzo(k)fluoranthene	23.329	252	16793m	0.450	ng		
39) Benzo(a)pyrene	23.934	252	14832	0.429	ng		99
40) Dibenzo(a,h)anthracene	26.671	278	13847	0.431	ng		98
41) Benzo(g,h,i)perylene	27.434	276	16312	0.454	ng		100

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

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