Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025896.D
Acq On : 17 Jun 2023 03:01
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:34:16 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	7.998	152	4972	0.400	ng		0.00
7) Naphthalene-d8	10.814	136	12730	0.400	ng		0.00
13) Acenaphthene-d10	14.630	164	6712	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	13825	0.400	ng	#	0.00
29) Chrysene-d12	21.560	240	9807	0.400	ng		0.00
35) Perylene-d12	24.043	264	9937	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	4777	0.342	ng		0.00
5) Phenol-d6	7.160	99	5474	0.319	ng		0.00
8) Nitrobenzene-d5	9.170	82	4100	0.347	ng		0.00
11) 2-Methylnaphthalene-d10	12.404	152	6933	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.127	330	938	0.453	ng		0.00
15) 2-Fluorobiphenyl	13.261	172	11021	0.388	ng		0.00
27) Fluoranthene-d10	19.407	212	13024	0.458	ng		0.00
31) Terphenyl-d14	19.997	244	8249	0.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	2401	0.412	ng		97
3) n-Nitrosodimethylamine	3.751	42	1530	0.205	ng	#	98
6) bis(2-Chloroethyl)ether	7.420	93	4857	0.312	ng		98
9) Naphthalene	10.867	128	14761	0.388	ng		99
10) Hexachlorobutadiene	11.145	225	2758	0.471	ng	#	99
12) 2-Methylnaphthalene	12.476	142	9176	0.379	ng		98
16) Acenaphthylene	14.352	152	12417	0.384	ng		99
17) Acenaphthene	14.694	154	8603	0.406	ng		99
18) Fluorene	15.680	166	11032	0.404	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	871	0.349	ng	#	34
21) 4-Bromophenyl-phenylether	16.574	248	3097	0.387	ng		95
22) Hexachlorobenzene	16.686	284	3234	0.472	ng		90
23) Atrazine	16.835	200	2555	0.391	ng		96
24) Pentachlorophenol	17.033	266	1214	0.475	ng		97
25) Phenanthrene	17.418	178	17109	0.403	ng		100
26) Anthracene	17.517	178	14710	0.378	ng		99
28) Fluoranthene	19.435	202	19160	0.457	ng		99
30) Pyrene	19.797	202	19679	0.354	ng		99
32) Benzo(a)anthracene	21.542	228	14910	0.394	ng		99
33) Chrysene	21.605	228	16542	0.413	ng		98
34) Bis(2-ethylhexyl)phtha...	21.453	149	9684	0.430	ng		100
36) Indeno(1,2,3-cd)pyrene	26.648	276	18656	0.434	ng	#	79
37) Benzo(b)fluoranthene	23.282	252	16354	0.417	ng		96
38) Benzo(k)fluoranthene	23.335	252	16798m	0.419	ng		
39) Benzo(a)pyrene	23.934	252	15708	0.423	ng		98
40) Dibenzo(a,h)anthracene	26.677	278	14593	0.423	ng		99
41) Benzo(g,h,i)perylene	27.434	276	17701	0.459	ng		100

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

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