Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032592.D
Acq On : 09 Jul 2024 17:39
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 01:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	5401	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	17596	0.400	ng		-0.01
13) Acenaphthene-d10	14.221	164	12283	0.400	ng		-0.01
19) Phenanthrene-d10	16.991	188	25400	0.400	ng		#-0.01
29) Chrysene-d12	21.211	240	17594	0.400	ng		0.00
35) Perylene-d12	23.423	264	17539	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	5158	0.378	ng		0.00
5) Phenol-d6	6.816	99	6435	0.369	ng		0.00
8) Nitrobenzene-d5	8.788	82	4482	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	11.971	152	10950	0.394	ng		-0.01
14) 2,4,6-Tribromophenol	15.763	330	1864	0.335	ng		0.00
15) 2-Fluorobiphenyl	12.852	172	16805	0.371	ng		-0.01
27) Fluoranthene-d10	19.035	212	23846	0.360	ng		0.00
31) Terphenyl-d14	19.644	244	17618	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2585	0.363	ng		100
3) n-Nitrosodimethylamine	3.486	42	1852	0.359	ng		94
6) bis(2-Chloroethyl)ether	7.040	93	4159	0.359	ng		92
9) Naphthalene	10.411	128	18685	0.389	ng		98
10) Hexachlorobutadiene	10.667	225	3661	0.382	ng	#	99
12) 2-Methylnaphthalene	12.047	142	12623	0.392	ng		99
16) Acenaphthylene	13.954	152	18443	0.349	ng		100
17) Acenaphthene	14.285	154	13740	0.374	ng		99
18) Fluorene	15.290	166	17823	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.482	198	823	0.405	ng	#	70
21) 4-Bromophenyl-phenylether	16.185	248	5913	0.392	ng		95
22) Hexachlorobenzene	16.284	284	6477	0.390	ng		99
23) Atrazine	16.470	200	3953	0.336	ng		94
24) Pentachlorophenol	16.681	266	1802	0.405	ng		99
25) Phenanthrene	17.041	178	26188	0.380	ng		100
26) Anthracene	17.140	178	19665	0.354	ng		99
28) Fluoranthene	19.068	202	29480	0.354	ng		100
30) Pyrene	19.435	202	30845	0.431	ng		100
32) Benzo(a)anthracene	21.193	228	20297	0.349	ng		99
33) Chrysene	21.247	228	27945	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	14472	0.366	ng		100
36) Indeno(1,2,3-cd)pyrene	25.662	276	26077	0.389	ng		98
37) Benzo(b)fluoranthene	22.756	252	21290	0.364	ng		100
38) Benzo(k)fluoranthene	22.803	252	27120m	0.403	ng		
39) Benzo(a)pyrene	23.335	252	20744	0.375	ng		99
40) Dibenzo(a,h)anthracene	25.671	278	20589	0.387	ng		98
41) Benzo(g,h,i)perylene	26.346	276	23109	0.399	ng		97

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

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