Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033036.D
Acq On : 27 Jul 2024 17:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:06:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.517	152	2459	0.400	ng		-0.01
7) Naphthalene-d8	10.308	136	8856	0.400	ng		0.00
13) Acenaphthene-d10	14.165	164	6345	0.400	ng		-0.01
19) Phenanthrene-d10	16.939	188	13337	0.400	ng		-0.01
29) Chrysene-d12	21.158	240	12542	0.400	ng		# 0.00
35) Perylene-d12	23.345	264	14176	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	2912m	0.468	ng		0.02
5) Phenol-d6	6.846	99	3780m	0.490	ng		0.07
8) Nitrobenzene-d5	8.803	82	2382	0.357	ng		0.07
11) 2-Methylnaphthalene-d10	11.920	152	5658	0.418	ng		0.00
14) 2,4,6-Tribromophenol	15.723	330	970	0.358	ng		0.00
15) 2-Fluorobiphenyl	12.797	172	8364	0.354	ng		-0.01
27) Fluoranthene-d10	18.980	212	13952	0.404	ng		-0.01
31) Terphenyl-d14	19.584	244	10033	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	1294	0.425	ng		90
3) n-Nitrosodimethylamine	3.458	42	929	0.361	ng	#	95
6) bis(2-Chloroethyl)ether	7.012	93	2749	0.426	ng	#	85
9) Naphthalene	10.362	128	9612	0.392	ng		98
10) Hexachlorobutadiene	10.565	225	1953	0.417	ng	#	99
12) 2-Methylnaphthalene	11.996	142	6041	0.377	ng		98
16) Acenaphthylene	13.887	152	9568	0.371	ng		99
17) Acenaphthene	14.229	154	6914	0.378	ng		99
18) Fluorene	15.234	166	9034	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.512	198	186	0.357	ng	#	1
21) 4-Bromophenyl-phenylether	16.133	248	2724	0.348	ng		94
22) Hexachlorobenzene	16.232	284	3321	0.378	ng		98
23) Atrazine	16.418	200	2161	0.374	ng		95
24) Pentachlorophenol	16.642	266	1036	0.318	ng		99
25) Phenanthrene	16.977	178	13151	0.361	ng		100
26) Anthracene	17.088	178	9487	0.316	ng		99
28) Fluoranthene	19.013	202	16557	0.375	ng		99
30) Pyrene	19.380	202	17462	0.341	ng		100
32) Benzo(a)anthracene	21.140	228	13534	0.341	ng		99
33) Chrysene	21.194	228	19031	0.404	ng		99
34) Bis(2-ethylhexyl)phtha...	21.024	149	12052m	0.549	ng		
36) Indeno(1,2,3-cd)pyrene	25.555	276	19242	0.344	ng		98
37) Benzo(b)fluoranthene	22.690	252	16008	0.324	ng		96
38) Benzo(k)fluoranthene	22.731	252	19766m	0.350	ng		
39) Benzo(a)pyrene	23.260	252	15532	0.349	ng		94
40) Dibenzo(a,h)anthracene	25.558	278	15496	0.351	ng		99
41) Benzo(g,h,i)perylene	26.230	276	16908	0.346	ng		97

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

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