Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033055.D
Acq On : 28 Jul 2024 05:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 72 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 01:12:30 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	4014	0.400	ng	-0.01
7) Naphthalene-d8	10.308	136	12892	0.400	ng	0.00
13) Acenaphthene-d10	14.158	164	8590	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	17782	0.400	ng	0.00
29) Chrysene-d12	21.151	240	14774	0.400	ng	-0.01
35) Perylene-d12	23.344	264	14954	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	7467m	0.735	ng	0.02
5) Phenol-d6	6.809	99	9180m	0.728	ng	0.03
8) Nitrobenzene-d5	8.781	82	4404	0.454	ng	0.05
11) 2-Methylnaphthalene-d10	11.916	152	7643	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	1149	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.800	172	12549	0.392	ng	0.00
27) Fluoranthene-d10	18.983	212	17827	0.387	ng	-0.01
31) Terphenyl-d14	19.587	244	11700	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	2849	0.573	ng	# 86
3) n-Nitrosodimethylamine	3.458	42	2176	0.518	ng	84
6) bis(2-Chloroethyl)ether	6.997	93	4295	0.408	ng	89
9) Naphthalene	10.351	128	15000	0.420	ng	100
10) Hexachlorobutadiene	10.564	225	2786	0.408	ng	# 100
12) 2-Methylnaphthalene	11.999	142	8977	0.385	ng	96
16) Acenaphthylene	13.891	152	13708	0.392	ng	99
17) Acenaphthene	14.222	154	9818	0.397	ng	99
18) Fluorene	15.238	166	12952	0.391	ng	98
20) 4,6-Dinitro-2-methylph...	15.518	198	266	0.362	ng	# 1
21) 4-Bromophenyl-phenylether	16.126	248	3990	0.382	ng	94
22) Hexachlorobenzene	16.225	284	4285	0.366	ng	# 91
23) Atrazine	16.424	200	2906	0.378	ng	98
24) Pentachlorophenol	16.635	266	1157	0.266	ng	98
25) Phenanthrene	16.982	178	19088	0.393	ng	99
26) Anthracene	17.094	178	13131	0.328	ng	99
28) Fluoranthene	19.015	202	23142	0.394	ng	100
30) Pyrene	19.382	202	24146	0.400	ng	99
32) Benzo(a)anthracene	21.143	228	17096	0.366	ng	99
33) Chrysene	21.187	228	23845	0.429	ng	100
34) Bis(2-ethylhexyl)phtha...	21.026	149	13230m	0.512	ng	
36) Indeno(1,2,3-cd)pyrene	25.560	276	22152	0.376	ng	98
37) Benzo(b)fluoranthene	22.689	252	19327	0.371	ng	95
38) Benzo(k)fluoranthene	22.730	252	24228m	0.407	ng	
39) Benzo(a)pyrene	23.259	252	18008	0.383	ng	94
40) Dibenzo(a,h)anthracene	25.560	278	17393	0.374	ng	99
41) Benzo(g,h,i)perylene	26.235	276	20266	0.393	ng	97

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

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