Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061124\
Data File : BN031905.D
Acq On : 11 Jun 2024 10:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 11:25:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	12979	0.400	ng		0.00
7) Naphthalene-d8	10.443	136	42840	0.400	ng		-0.01
13) Acenaphthene-d10	14.306	164	26079	0.400	ng		-0.01
19) Phenanthrene-d10	17.054	188	60795	0.400	ng		-0.01
29) Chrysene-d12	21.256	240	53166	0.400	ng		0.00
35) Perylene-d12	23.484	264	54177	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	11612	0.315	ng		0.00
5) Phenol-d6	6.837	99	15422	0.319	ng		-0.01
8) Nitrobenzene-d5	8.820	82	11637	0.327	ng		0.00
11) 2-Methylnaphthalene-d10	12.039	152	23218	0.340	ng		-0.01
14) 2,4,6-Tribromophenol	15.800	330	3336	0.267	ng		-0.01
15) 2-Fluorobiphenyl	12.927	172	35208	0.356	ng		0.00
27) Fluoranthene-d10	19.091	212	54132	0.327	ng		0.00
31) Terphenyl-d14	19.695	244	42000	0.323	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	5423	0.341	ng		95
3) n-Nitrosodimethylamine	3.522	42	5300	0.351	ng		97
6) bis(2-Chloroethyl)ether	7.097	93	14824	0.356	ng		99
9) Naphthalene	10.496	128	40517	0.351	ng		99
10) Hexachlorobutadiene	10.773	225	6964	0.345	ng	#	100
12) 2-Methylnaphthalene	12.115	142	27192	0.345	ng		99
16) Acenaphthylene	14.018	152	38821	0.323	ng		100
17) Acenaphthene	14.370	154	26448	0.342	ng		98
18) Fluorene	15.354	166	35548	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	2557	0.374	ng		95
21) 4-Bromophenyl-phenylether	16.247	248	11371	0.330	ng	#	86
22) Hexachlorobenzene	16.358	284	12254	0.343	ng		99
23) Atrazine	16.532	200	9342m	0.296	ng		
24) Pentachlorophenol	16.718	266	4422	0.365	ng		99
25) Phenanthrene	17.091	178	57788	0.343	ng		100
26) Anthracene	17.190	178	49746	0.318	ng		100
28) Fluoranthene	19.124	202	68557	0.335	ng		100
30) Pyrene	19.486	202	69840	0.331	ng		100
32) Benzo(a)anthracene	21.238	228	63455	0.317	ng		99
33) Chrysene	21.292	228	63497	0.335	ng		100
34) Bis(2-ethylhexyl)phtha...	21.166	149	33562	0.245	ng		98
36) Indeno(1,2,3-cd)pyrene	25.741	276	69349	0.343	ng		99
37) Benzo(b)fluoranthene	22.812	252	70785	0.359	ng		97
38) Benzo(k)fluoranthene	22.856	252	65070	0.349	ng		97
39) Benzo(a)pyrene	23.385	252	59603	0.350	ng		97
40) Dibenzo(a,h)anthracene	25.750	278	54667	0.343	ng		96
41) Benzo(g,h,i)perylene	26.431	276	58945	0.344	ng		98

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

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