Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031451.D
Acq On : 09 May 2024 19:42
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 10 01:59:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	10288	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	33401	0.400	ng		0.00
13) Acenaphthene-d10	14.349	164	20363	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	45994	0.400	ng		0.00
29) Chrysene-d12	21.274	240	40551	0.400	ng		0.00
35) Perylene-d12	23.519	264	44948	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	92955	3.857	ng		0.00
5) Phenol-d6	6.873	99	126512	4.420	ng		0.00
8) Nitrobenzene-d5	8.862	82	78263	2.669	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	173214	3.505	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	25603	2.828	ng		0.00
15) 2-Fluorobiphenyl	12.981	172	253176	3.361	ng		0.00
27) Fluoranthene-d10	19.123	212	417502	3.355	ng		0.00
31) Terphenyl-d14	19.732	244	312491	3.036	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	40184	3.273	ng	#	84
3) n-Nitrosodimethylamine	3.551	42	40570	3.310	ng	#	97
6) bis(2-Chloroethyl)ether	7.148	93	109760	4.102	ng		99
9) Naphthalene	10.549	128	298760	3.200	ng		96
10) Hexachlorobutadiene	10.837	225	51948	2.666	ng	#	100
12) 2-Methylnaphthalene	12.168	142	202152	3.523	ng		98
16) Acenaphthylene	14.071	152	333586	3.734	ng		100
17) Acenaphthene	14.413	154	208488	3.405	ng		99
18) Fluorene	15.397	166	272187	3.435	ng		100
20) 4,6-Dinitro-2-methylph...	15.472	198	14247	1.938	ng	#	19
21) 4-Bromophenyl-phenylether	16.296	248	86826	3.270	ng		96
22) Hexachlorobenzene	16.396	284	89229	2.935	ng		99
23) Atrazine	16.569	200	80016	3.842	ng		97
24) Pentachlorophenol	16.731	266	36577	2.929	ng		98
25) Phenanthrene	17.128	178	419112	3.176	ng		100
26) Anthracene	17.227	178	415820	3.746	ng		100
28) Fluoranthene	19.151	202	502489	3.117	ng		100
30) Pyrene	19.514	202	528508	3.232	ng		100
32) Benzo(a)anthracene	21.256	228	509845	3.641	ng		100
33) Chrysene	21.309	228	486509	3.335	ng		99
34) Bis(2-ethylhexyl)phtha...	21.220	149	298151	4.031	ng		100
36) Indeno(1,2,3-cd)pyrene	25.794	276	583681	3.214	ng		98
37) Benzo(b)fluoranthene	22.847	252	530111	3.007	ng		97
38) Benzo(k)fluoranthene	22.891	252	492903m	2.850	ng		
39) Benzo(a)pyrene	23.423	252	459759	3.108	ng		96
40) Dibenzo(a,h)anthracene	25.820	278	459288	3.209	ng		97
41) Benzo(g,h,i)perylene	26.487	276	496811	3.422	ng		97

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

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