Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032575.D
Acq On : 09 Jul 2024 07:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 08:14:53 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	4691	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	15160	0.400	ng		-0.01
13) Acenaphthene-d10	14.231	164	10704	0.400	ng		0.00
19) Phenanthrene-d10	16.991	188	23695	0.400	ng		#-0.01
29) Chrysene-d12	21.211	240	19452	0.400	ng		0.00
35) Perylene-d12	23.423	264	18537	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4389	0.370	ng		0.00
5) Phenol-d6	6.816	99	5374	0.355	ng		0.00
8) Nitrobenzene-d5	8.787	82	3806	0.336	ng		-0.01
11) 2-Methylnaphthalene-d10	11.975	152	9366	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1767	0.364	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	14692	0.373	ng		0.00
27) Fluoranthene-d10	19.035	212	23005	0.373	ng		0.00
31) Terphenyl-d14	19.644	244	17867	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2309	0.374	ng		97
3) n-Nitrosodimethylamine	3.486	42	1702	0.380	ng		98
6) bis(2-Chloroethyl)ether	7.039	93	4142	0.399	ng		97
9) Naphthalene	10.421	128	16268	0.393	ng		99
10) Hexachlorobutadiene	10.667	225	3170	0.384	ng	#	99
12) 2-Methylnaphthalene	12.054	142	10777	0.389	ng		98
16) Acenaphthylene	13.953	152	16425	0.356	ng		100
17) Acenaphthene	14.296	154	12054	0.376	ng		99
18) Fluorene	15.290	166	15968	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.472	198	776	0.407	ng	#	74
21) 4-Bromophenyl-phenylether	16.197	248	5556m	0.395	ng		
22) Hexachlorobenzene	16.296	284	5928	0.383	ng		98
23) Atrazine	16.482	200	3921	0.357	ng		98
24) Pentachlorophenol	16.669	266	1900	0.436	ng		98
25) Phenanthrene	17.041	178	24588	0.382	ng		100
26) Anthracene	17.140	178	18344	0.354	ng		99
28) Fluoranthene	19.068	202	28852	0.371	ng		100
30) Pyrene	19.435	202	30580	0.386	ng		100
32) Benzo(a)anthracene	21.193	228	22824	0.355	ng		99
33) Chrysene	21.247	228	30242	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	15552	0.356	ng		99
36) Indeno(1,2,3-cd)pyrene	25.659	276	25868	0.365	ng		100
37) Benzo(b)fluoranthene	22.756	252	23344	0.378	ng		98
38) Benzo(k)fluoranthene	22.800	252	28496m	0.400	ng		
39) Benzo(a)pyrene	23.335	252	22021	0.377	ng		97
40) Dibenzo(a,h)anthracene	25.668	278	20259	0.360	ng		98
41) Benzo(g,h,i)perylene	26.343	276	22668	0.370	ng		98

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

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