Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030871.D
Acq On : 12 Apr 2024 20:57
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 13 01:33:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6527	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	19051	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	10333	0.400	ng		0.00
19) Phenanthrene-d10	17.053	188	22675	0.400	ng		#-0.01
29) Chrysene-d12	21.258	240	20472	0.400	ng		# 0.00
35) Perylene-d12	23.486	264	18611	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5666	0.362	ng		0.00
5) Phenol-d6	6.845	99	6858	0.362	ng		0.00
8) Nitrobenzene-d5	8.820	82	4919	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	11132	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	1297	0.310	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	14536	0.397	ng		0.00
27) Fluoranthene-d10	19.098	212	22933	0.364	ng		0.00
31) Terphenyl-d14	19.702	244	17955	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2972	0.377	ng		95
3) n-Nitrosodimethylamine	3.530	42	2885	0.381	ng	#	99
6) bis(2-Chloroethyl)ether	7.105	93	6659	0.376	ng		99
9) Naphthalene	10.496	128	20604	0.391	ng		99
10) Hexachlorobutadiene	10.784	225	4224	0.401	ng	#	100
12) 2-Methylnaphthalene	12.119	142	13166	0.382	ng		99
16) Acenaphthylene	14.028	152	16464	0.365	ng		100
17) Acenaphthene	14.370	154	12406	0.389	ng		99
18) Fluorene	15.364	166	15780	0.376	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	635	0.224	ng	#	66
21) 4-Bromophenyl-phenylether	16.258	248	5071	0.381	ng		97
22) Hexachlorobenzene	16.358	284	6186	0.398	ng		99
23) Atrazine	16.532	200	3267	0.329	ng		99
24) Pentachlorophenol	16.705	266	1666m	0.317	ng		
25) Phenanthrene	17.103	178	25775	0.388	ng		100
26) Anthracene	17.189	178	19795	0.357	ng		100
28) Fluoranthene	19.126	202	29777	0.363	ng		100
30) Pyrene	19.493	202	30445	0.396	ng		100
32) Benzo(a)anthracene	21.240	228	27305	0.385	ng		99
33) Chrysene	21.294	228	29386	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	11575	0.374	ng		99
36) Indeno(1,2,3-cd)pyrene	25.732	276	27055	0.372	ng		100
37) Benzo(b)fluoranthene	22.814	252	30084	0.365	ng		99
38) Benzo(k)fluoranthene	22.858	252	28514	0.367	ng		99
39) Benzo(a)pyrene	23.387	252	23944	0.377	ng		97
40) Dibenzo(a,h)anthracene	25.749	278	21212	0.367	ng		99
41) Benzo(g,h,i)perylene	26.419	276	23226	0.371	ng		99

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

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