Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101524\
Data File : BN034604.D
Acq On : 16 Oct 2024 10:44
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 11:28:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 00:09:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	8428	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	23583	0.400	ng		#-0.01
13) Acenaphthene-d10	14.293	164	12543	0.400	ng		0.00
19) Phenanthrene-d10	17.039	188	24582	0.400	ng		0.00
29) Chrysene-d12	21.230	240	20374	0.400	ng		0.00
35) Perylene-d12	23.438	264	22852	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.278	112	10127	0.361	ng		0.00
5) Phenol-d6	6.831	99	13245	0.370	ng		0.00
8) Nitrobenzene-d5	8.803	82	7093	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.037	152	13498	0.388	ng		0.00
14) 2,4,6-Tribromophenol	15.785	330	2035	0.324	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	18655	0.394	ng		0.00
27) Fluoranthene-d10	19.073	212	25800	0.408	ng		0.00
31) Terphenyl-d14	19.686	244	16595	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	3718	0.372	ng		95
3) n-Nitrosodimethylamine	3.545	42	4216	0.394	ng	#	93
6) bis(2-Chloroethyl)ether	7.098	93	9657	0.391	ng		98
9) Naphthalene	10.490	128	25785	0.399	ng		94
10) Hexachlorobutadiene	10.788	225	4359	0.394	ng	#	100
12) 2-Methylnaphthalene	12.109	142	16296	0.397	ng		98
16) Acenaphthylene	14.015	152	23684	0.383	ng		99
17) Acenaphthene	14.357	154	15030	0.388	ng		98
18) Fluorene	15.351	166	18912	0.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.416	198	755	0.373	ng	#	45
21) 4-Bromophenyl-phenylether	16.244	248	5605	0.415	ng		98
22) Hexachlorobenzene	16.356	284	6589	0.424	ng		98
23) Atrazine	16.517	200	4893	0.386	ng		96
24) Pentachlorophenol	16.691	266	2244	0.328	ng		97
25) Phenanthrene	17.076	178	28790	0.425	ng		100
26) Anthracene	17.175	178	27311	0.410	ng		99
28) Fluoranthene	19.101	202	33398	0.425	ng		99
30) Pyrene	19.463	202	34973	0.425	ng		100
32) Benzo(a)anthracene	21.212	228	31185	0.416	ng		99
33) Chrysene	21.265	228	30268	0.423	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	18686	0.358	ng		99
36) Indeno(1,2,3-cd)pyrene	25.660	276	34931	0.395	ng		99
37) Benzo(b)fluoranthene	22.777	252	31816	0.408	ng		95
38) Benzo(k)fluoranthene	22.824	252	32035m	0.426	ng		
39) Benzo(a)pyrene	23.341	252	27686	0.400	ng	#	94
40) Dibenzo(a,h)anthracene	25.680	278	27729	0.392	ng		97
41) Benzo(g,h,i)perylene	26.329	276	30228	0.400	ng		94

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

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