Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035375.D
Acq On : 28 Nov 2024 09:02
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 29 00:19:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	1994	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	5101	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	3798	0.400	ng		0.00
19) Phenanthrene-d10	16.723	188	9566	0.400	ng		#-0.01
29) Chrysene-d12	20.974	240	9222	0.400	ng		0.00
35) Perylene-d12	23.067	264	10081	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.960	112	2006	0.402	ng		0.00
5) Phenol-d6	6.513	99	2417	0.403	ng		0.00
8) Nitrobenzene-d5	8.440	82	1245m	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	11.656	152	3130	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	1011	0.375	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	5760	0.401	ng		0.00
27) Fluoranthene-d10	18.785	212	10104	0.373	ng		0.00
31) Terphenyl-d14	19.412	244	7255	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	754	0.396	ng		98
3) n-Nitrosodimethylamine	3.292	42	628	0.396	ng	#	98
6) bis(2-Chloroethyl)ether	6.759	93	1960	0.389	ng		100
9) Naphthalene	10.105	128	5328	0.396	ng		99
10) Hexachlorobutadiene	10.404	225	1326	0.427	ng	#	98
12) 2-Methylnaphthalene	11.732	142	3793	0.394	ng		97
16) Acenaphthylene	13.679	152	6028	0.378	ng		99
17) Acenaphthene	14.031	154	4106	0.388	ng		99
18) Fluorene	15.026	166	5935	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.133	198	357	0.380	ng		91
21) 4-Bromophenyl-phenylether	15.941	248	2206	0.394	ng		100
22) Hexachlorobenzene	16.040	284	2655	0.404	ng		99
23) Atrazine	16.227	200	1384	0.347	ng		98
24) Pentachlorophenol	16.400	266	973	0.340	ng	#	84
25) Phenanthrene	16.773	178	10204	0.388	ng		100
26) Anthracene	16.860	178	8929	0.376	ng		100
28) Fluoranthene	18.812	202	13216	0.373	ng		99
30) Pyrene	19.179	202	13731	0.403	ng		100
32) Benzo(a)anthracene	20.956	228	11985	0.372	ng		99
33) Chrysene	21.009	228	13365	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	20.929	149	4380	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	25.105	276	15538	0.394	ng		99
37) Benzo(b)fluoranthene	22.453	252	13327	0.361	ng		99
38) Benzo(k)fluoranthene	22.494	252	14406	0.397	ng		99
39) Benzo(a)pyrene	22.977	252	10891	0.359	ng		99
40) Dibenzo(a,h)anthracene	25.123	278	12092	0.389	ng		99
41) Benzo(g,h,i)perylene	25.722	276	12501	0.385	ng		99

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

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