Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035731.D
Acq On : 20 Dec 2024 08:04
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 08:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.271	152	3239	0.400	ng		0.00
7) Naphthalene-d8	10.020	136	8431	0.400	ng		# 0.00
13) Acenaphthene-d10	13.924	164	5341	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10575	0.400	ng		# 0.00
29) Chrysene-d12	20.956	240	8878	0.400	ng		0.00
35) Perylene-d12	23.038	264	9229	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	3206	0.396	ng		0.00
5) Phenol-d6	6.484	99	3691	0.379	ng		0.00
8) Nitrobenzene-d5	8.408	82	2398m	0.466	ng		0.00
11) 2-Methylnaphthalene-d10	11.621	152	4741	0.359	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	1180	0.311	ng		0.00
15) 2-Fluorobiphenyl	12.538	172	7347	0.364	ng		0.00
27) Fluoranthene-d10	18.761	212	10416	0.347	ng		0.00
31) Terphenyl-d14	19.388	244	7453	0.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	1312	0.424	ng		96
3) n-Nitrosodimethylamine	3.278	42	1070	0.415	ng	#	94
6) bis(2-Chloroethyl)ether	6.723	93	2987	0.365	ng		100
9) Naphthalene	10.062	128	8331	0.375	ng		100
10) Hexachlorobutadiene	10.351	225	2194	0.428	ng	#	99
12) 2-Methylnaphthalene	11.697	142	5286	0.332	ng		100
16) Acenaphthylene	13.646	152	7931	0.354	ng		100
17) Acenaphthene	13.989	154	5347	0.359	ng		99
18) Fluorene	14.993	166	7004	0.329	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	83	0.080	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2216	0.358	ng	#	71
22) Hexachlorobenzene	16.003	284	3183	0.438	ng		97
23) Atrazine	16.202	200	1696	0.385	ng		98
24) Pentachlorophenol	16.375	266	1107	0.350	ng	#	83
25) Phenanthrene	16.748	178	10192	0.351	ng		100
26) Anthracene	16.835	178	9082	0.346	ng		99
28) Fluoranthene	18.789	202	12678	0.324	ng		99
30) Pyrene	19.156	202	13069	0.399	ng		100
32) Benzo(a)anthracene	20.938	228	10542	0.339	ng		100
33) Chrysene	20.991	228	12448	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	5271	0.430	ng		99
36) Indeno(1,2,3-cd)pyrene	25.061	276	13578	0.376	ng		96
37) Benzo(b)fluoranthene	22.427	252	14777	0.438	ng		97
38) Benzo(k)fluoranthene	22.468	252	12300m	0.370	ng		
39) Benzo(a)pyrene	22.947	252	10146	0.365	ng	#	92
40) Dibenzo(a,h)anthracene	25.079	278	10523	0.370	ng		97
41) Benzo(g,h,i)perylene	25.672	276	11906	0.400	ng		98

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

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