Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035749.D
Acq On : 20 Dec 2024 19:33
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Dec 21 01:43:03 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

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.272	152	2885	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	7460	0.400	ng		-0.01
13) Acenaphthene-d10	13.925	164	4592	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	9182	0.400	ng		# 0.00
29) Chrysene-d12	20.956	240	7719	0.400	ng		0.00
35) Perylene-d12	23.038	264	7943	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.932	112	2946	0.408	ng		0.00
5) Phenol-d6	6.484	99	3398	0.391	ng		0.00
8) Nitrobenzene-d5	8.408	82	2193m	0.481	ng		0.00
11) 2-Methylnaphthalene-d10	11.616	152	4637	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	1079	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.539	172	7163	0.413	ng		0.00
27) Fluoranthene-d10	18.761	212	9858	0.379	ng		0.00
31) Terphenyl-d14	19.393	244	6880	0.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	1284	0.466	ng		96
3) n-Nitrosodimethylamine	3.271	42	1037	0.451	ng	#	96
6) bis(2-Chloroethyl)ether	6.723	93	2618m	0.359	ng		
9) Naphthalene	10.063	128	8115	0.412	ng		99
10) Hexachlorobutadiene	10.351	225	2104	0.464	ng	#	98
12) 2-Methylnaphthalene	11.697	142	5318	0.378	ng		99
16) Acenaphthylene	13.636	152	7458	0.387	ng		100
17) Acenaphthene	13.989	154	5179	0.405	ng		99
18) Fluorene	14.994	166	6721	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.133	198	99	0.110	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2111	0.393	ng	#	80
22) Hexachlorobenzene	16.003	284	3074	0.487	ng		96
23) Atrazine	16.202	200	1584	0.414	ng		97
24) Pentachlorophenol	16.376	266	1014	0.370	ng		87
25) Phenanthrene	16.748	178	9861	0.391	ng		100
26) Anthracene	16.835	178	8624	0.378	ng		99
28) Fluoranthene	18.789	202	12002	0.353	ng		100
30) Pyrene	19.156	202	12468	0.438	ng		99
32) Benzo(a)anthracene	20.938	228	9472	0.351	ng		99
33) Chrysene	20.992	228	11952	0.429	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	4632	0.434	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.067	276	12531	0.404	ng		96
37) Benzo(b)fluoranthene	22.427	252	13708	0.472	ng		95
38) Benzo(k)fluoranthene	22.468	252	11604m	0.406	ng		
39) Benzo(a)pyrene	22.950	252	9304	0.389	ng	#	91
40) Dibenzo(a,h)anthracene	25.082	278	9530	0.389	ng		95
41) Benzo(g,h,i)perylene	25.675	276	11213	0.438	ng		99

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

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