Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN030031.D
Acq On : 25 Feb 2024 16:43
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Feb 26 02:51:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5647	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	15095	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	6992	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	14071	0.400	ng	0.00
29) Chrysene-d12	21.456	240	10772	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	10102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	5957	0.439	ng	0.00
5) Phenol-d6	7.024	99	6787	0.434	ng	0.00
8) Nitrobenzene-d5	9.014	82	4851	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.246	152	8147	0.396	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	964	0.430	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	11332	0.378	ng	0.00
27) Fluoranthene-d10	19.289	212	14155	0.415	ng	0.00
31) Terphenyl-d14	19.898	244	10506	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2841	0.357	ng	94
3) n-Nitrosodimethylamine	3.687	42	2547	0.393	ng	# 89
6) bis(2-Chloroethyl)ether	7.291	93	5997	0.402	ng	99
9) Naphthalene	10.701	128	16826	0.391	ng	99
10) Hexachlorobutadiene	10.968	225	3304	0.405	ng	# 99
12) 2-Methylnaphthalene	12.318	142	9816	0.389	ng	100
16) Acenaphthylene	14.212	152	11590	0.349	ng	100
17) Acenaphthene	14.554	154	8525	0.382	ng	99
18) Fluorene	15.542	166	10477	0.375	ng	98
20) 4,6-Dinitro-2-methylph...	15.654	198	505	0.244	ng	# 80
21) 4-Bromophenyl-phenylether	16.449	248	3231m	0.386	ng	
22) Hexachlorobenzene	16.548	284	4198	0.409	ng	93
23) Atrazine	16.734	200	2331	0.392	ng	98
24) Pentachlorophenol	16.908	266	1387	0.426	ng	100
25) Phenanthrene	17.293	178	15540	0.373	ng	99
26) Anthracene	17.392	178	12856	0.362	ng	99
28) Fluoranthene	19.317	202	18633	0.398	ng	99
30) Pyrene	19.680	202	19184	0.387	ng	100
32) Benzo(a)anthracene	21.438	228	13931	0.379	ng	99
33) Chrysene	21.492	228	16860	0.403	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	8823	0.352	ng	99
36) Indeno(1,2,3-cd)pyrene	26.276	276	16306m	0.401	ng	
37) Benzo(b)fluoranthene	23.098	252	14520	0.402	ng	99
38) Benzo(k)fluoranthene	23.148	252	14999	0.397	ng	100
39) Benzo(a)pyrene	23.718	252	12842	0.408	ng	99
40) Dibenzo(a,h)anthracene	26.306	278	12520	0.387	ng	99
41) Benzo(g,h,i)perylene	27.004	276	14931	0.379	ng	97

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

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