Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030068.D
Acq On : 26 Feb 2024 22:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 27 00:32:37 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 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3960	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10523	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4953	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	9925	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6947	0.400	ng	# 0.00
35) Perylene-d12	23.821	264	6543	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4077	0.429	ng	0.00
5) Phenol-d6	7.024	99	4496	0.410	ng	0.00
8) Nitrobenzene-d5	9.014	82	3797	0.433	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	6048	0.422	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	660	0.415	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8272	0.389	ng	0.00
27) Fluoranthene-d10	19.290	212	10342	0.430	ng	0.00
31) Terphenyl-d14	19.903	244	7270	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	2295	0.412	ng	96
3) n-Nitrosodimethylamine	3.694	42	1941	0.427	ng	# 96
6) bis(2-Chloroethyl)ether	7.291	93	4468	0.427	ng	99
9) Naphthalene	10.701	128	12799	0.427	ng	99
10) Hexachlorobutadiene	10.968	225	2586	0.455	ng	# 99
12) 2-Methylnaphthalene	12.318	142	7369	0.419	ng	98
16) Acenaphthylene	14.212	152	8770	0.373	ng	99
17) Acenaphthene	14.554	154	6482	0.410	ng	99
18) Fluorene	15.555	166	7960	0.402	ng	100
20) 4,6-Dinitro-2-methylph...	15.667	198	331	0.227	ng	# 58
21) 4-Bromophenyl-phenylether	16.449	248	2310m	0.391	ng	
22) Hexachlorobenzene	16.548	284	3178	0.439	ng	92
23) Atrazine	16.734	200	1671	0.398	ng	96
24) Pentachlorophenol	16.908	266	1009	0.439	ng	98
25) Phenanthrene	17.293	178	11270	0.384	ng	100
26) Anthracene	17.392	178	9367	0.374	ng	99
28) Fluoranthene	19.317	202	13311	0.403	ng	99
30) Pyrene	19.680	202	13686	0.428	ng	99
32) Benzo(a)anthracene	21.438	228	8372	0.353	ng	99
33) Chrysene	21.492	228	11667	0.433	ng	99
34) Bis(2-ethylhexyl)phtha...	21.376	149	5703	0.353	ng	99
36) Indeno(1,2,3-cd)pyrene	26.274	276	10991m	0.418	ng	
37) Benzo(b)fluoranthene	23.098	252	9641	0.412	ng	98
38) Benzo(k)fluoranthene	23.151	252	10044	0.410	ng	98
39) Benzo(a)pyrene	23.715	252	8410	0.412	ng	94
40) Dibenzo(a,h)anthracene	26.314	278	8184	0.391	ng	96
41) Benzo(g,h,i)perylene	27.007	276	10259	0.402	ng	98

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

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