Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026725.D
Acq On : 24 Jul 2023 23:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Jul 25 03:25:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	1879	0.400	ng	0.00
7) Naphthalene-d8	10.628	136	6036	0.400	ng	0.00
13) Acenaphthene-d10	14.459	164	4097	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	8049	0.400	ng	# 0.00
29) Chrysene-d12	21.408	240	5630	0.400	ng	# 0.00
35) Perylene-d12	23.782	264	6779	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	1562	0.343	ng	0.00
5) Phenol-d6	7.040	99	2036	0.350	ng	0.00
8) Nitrobenzene-d5	9.038	82	1845m	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.230	152	3822	0.433	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	621	0.417	ng	0.00
15) 2-Fluorobiphenyl	13.101	172	5837	0.369	ng	0.00
27) Fluoranthene-d10	19.249	212	7646	0.448	ng	0.00
31) Terphenyl-d14	19.848	244	5330	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	784	0.394	ng	# 86
3) n-Nitrosodimethylamine	3.632	42	806	0.400	ng	# 65
6) bis(2-Chloroethyl)ether	7.293	93	1160	0.242	ng	# 72
9) Naphthalene	10.682	128	6587	0.403	ng	96
10) Hexachlorobutadiene	10.938	225	1606	0.509	ng	# 99
12) 2-Methylnaphthalene	12.302	142	4599	0.400	ng	# 94
16) Acenaphthylene	14.191	152	7856	0.409	ng	100
17) Acenaphthene	14.523	154	4915	0.396	ng	98
18) Fluorene	15.519	166	5971	0.369	ng	99
20) 4,6-Dinitro-2-methylph...	16.152	198	6	0.063	ng	# 1
21) 4-Bromophenyl-phenylether	16.412	248	2032	0.442	ng	94
22) Hexachlorobenzene	16.524	284	2088	0.453	ng	97
23) Atrazine	16.686	200	1895	0.480	ng	93
24) Pentachlorophenol	16.897	266	944	0.435	ng	98
25) Phenanthrene	17.256	178	8854	0.375	ng	100
26) Anthracene	17.356	178	8342	0.393	ng	99
28) Fluoranthene	19.281	202	10070	0.407	ng	# 94
30) Pyrene	19.644	202	9949	0.319	ng	99
32) Benzo(a)anthracene	21.399	228	7824	0.386	ng	98
33) Chrysene	21.444	228	8669	0.384	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	7710	0.427	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.241	276	11856	0.426	ng	# 87
37) Benzo(b)fluoranthene	23.060	252	8269	0.336	ng	# 91
38) Benzo(k)fluoranthene	23.107	252	9661m	0.363	ng	
39) Benzo(a)pyrene	23.680	252	8832	0.366	ng	# 90
40) Dibenzo(a,h)anthracene	26.253	278	9344	0.429	ng	# 92
41) Benzo(g,h,i)perylene	26.992	276	10339	0.407	ng	# 88

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

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