Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033247.D
Acq On : 05 Aug 2024 22:21
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:33:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	1154	0.400	ng	-0.05
7) Naphthalene-d8	10.212	136	4069	0.400	ng	#-0.11
13) Acenaphthene-d10	14.094	164	2698	0.400	ng	-0.03
19) Phenanthrene-d10	16.870	188	6325	0.400	ng	-0.05
29) Chrysene-d12	21.098	240	7091	0.400	ng	-0.03
35) Perylene-d12	23.274	264	8557	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.141	112	13560m	4.712	ng	-0.15
5) Phenol-d6	6.701	99	20464m	5.227	ng	-0.29
8) Nitrobenzene-d5	8.653	82	17164m	5.207	ng	-0.27
11) 2-Methylnaphthalene-d10	11.818	152	31167	5.112	ng	-0.11
14) 2,4,6-Tribromophenol	15.642	330	5583m	5.576	ng	-0.07
15) 2-Fluorobiphenyl	12.704	172	47769m	5.164	ng	-0.10
27) Fluoranthene-d10	18.918	212	86795	4.904	ng	-0.03
31) Terphenyl-d14	19.522	244	60251	4.919	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.047	88	6621	4.977	ng	# 93
3) n-Nitrosodimethylamine	3.393	42	7613	5.409	ng	# 83
6) bis(2-Chloroethyl)ether	6.910	93	17198m	4.715	ng	
9) Naphthalene	10.265	128	53897	4.874	ng	# 84
10) Hexachlorobutadiene	10.500	225	9310m	4.531	ng	
12) 2-Methylnaphthalene	11.893	142	36852	5.607	ng	92
16) Acenaphthylene	13.816	152	58768	5.458	ng	100
17) Acenaphthene	14.158	154	39894	5.135	ng	99
18) Fluorene	15.163	166	54279	5.161	ng	100
20) 4,6-Dinitro-2-methylph...	15.377	198	5924m	5.158	ng	
21) 4-Bromophenyl-phenylether	16.051	248	15971	4.759	ng	88
22) Hexachlorobenzene	16.163	284	16383	4.676	ng	99
23) Atrazine	16.361	200	15681	4.962	ng	# 86
24) Pentachlorophenol	16.548	266	6889	5.878	ng	100
25) Phenanthrene	16.908	178	84692	4.978	ng	99
26) Anthracene	17.007	178	78319	5.491	ng	# 87
28) Fluoranthene	18.950	202	112216	4.809	ng	99
30) Pyrene	19.317	202	118828	4.795	ng	100
32) Benzo(a)anthracene	21.080	228	109718	5.373	ng	98
33) Chrysene	21.134	228	128815	4.696	ng	98
34) Bis(2-ethylhexyl)phtha...	21.008	149	2189	0.446	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.414	276	199441	5.156	ng	98
37) Benzo(b)fluoranthene	22.607	252	139033	5.358	ng	# 86
38) Benzo(k)fluoranthene	22.654	252	155977	4.772	ng	# 85
39) Benzo(a)pyrene	23.171	252	133832	5.135	ng	# 77
40) Dibenzo(a,h)anthracene	25.420	278	159088	5.208	ng	# 89
41) Benzo(g,h,i)perylene	26.080	276	173666	4.961	ng	94

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

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