Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024974.D
Acq On : 18 Apr 2023 12:32
Operator : CG/JU
Sample : 02357-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P2-S2-230413MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 14:49:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9596	0.400	ng	0.00
7) Naphthalene-d8	10.739	136	29241	0.400	ng	#-0.01
13) Acenaphthene-d10	14.576	164	16233	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	36256	0.400	ng	0.00
29) Chrysene-d12	21.518	240	32906	0.400	ng	# 0.00
35) Perylene-d12	23.963	264	31286	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	7222	0.326	ng	0.00
5) Phenol-d6	7.095	99	9259	0.331	ng	0.00
8) Nitrobenzene-d5	9.095	82	6271	0.266	ng	-0.01
11) 2-Methylnaphthalene-d10	12.332	152	13897m	0.359	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2166	0.297	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	15312	0.247	ng	-0.01
27) Fluoranthene-d10	19.355	212	21204	0.258	ng	0.00
31) Terphenyl-d14	19.949	244	17569	0.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	3366	0.319	ng	# 75
3) n-Nitrosodimethylamine	3.672	42	6518	0.364	ng	# 94
6) bis(2-Chloroethyl)ether	7.355	93	12990	0.458	ng	99
9) Naphthalene	10.793	128	102197	1.357	ng	100
10) Hexachlorobutadiene	11.081	225	5557	0.387	ng	# 99
12) 2-Methylnaphthalene	12.404	142	44092	0.842	ng	100
16) Acenaphthylene	14.298	152	127363	1.867	ng	99
17) Acenaphthene	14.641	154	39256	0.850	ng	99
18) Fluorene	15.624	166	98631	1.556	ng	98
20) 4,6-Dinitro-2-methylph...	15.699	198	1482	0.393	ng	# 59
21) 4-Bromophenyl-phenylether	16.516	248	7827	0.366	ng	# 90
22) Hexachlorobenzene	16.628	284	9027	0.373	ng	98
23) Atrazine	16.777	200	6725	0.462	ng	# 93
24) Pentachlorophenol	16.976	266	7714	0.953	ng	92
25) Phenanthrene	17.361	178	960643	9.126	ng	100
26) Anthracene	17.447	178	352527	3.841	ng	100
28) Fluoranthene	19.384	202	1553790	13.002	ng	99
30) Pyrene	19.747	202	1280034	10.943	ng	97
32) Benzo(a)anthracene	21.500	228	708860	6.371	ng	97
33) Chrysene	21.562	228	661125	5.673	ng	98
34) Bis(2-ethylhexyl)phtha...	21.428	149	124517	2.083	ng	100
36) Indeno(1,2,3-cd)pyrene	26.489	276	325929	2.376	ng	96
37) Benzo(b)fluoranthene	23.220	252	738255	6.222	ng	# 94
38) Benzo(k)fluoranthene	23.264	252	343025m	2.917	ng	
39) Benzo(a)pyrene	23.851	252	560145m	4.936	ng	
40) Dibenzo(a,h)anthracene	26.506	278	99621m	0.923	ng	
41) Benzo(g,h,i)perylene	27.269	276	304338	2.602	ng	99

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

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