Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021523\
Data File : BN024030.D
Acq On : 14 Feb 2023 19:17
Operator : CG/JU
Sample : PB150814BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 15 02:59:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:55:51 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB150814BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	3583	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	9086	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	5541	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	12336	0.400	ng		# 0.00
29) Chrysene-d12	21.428	240	9132	0.400	ng		# 0.00
35) Perylene-d12	23.802	264	6342	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2756	0.370	ng		0.00
5) Phenol-d6	7.002	99	3328	0.379	ng		0.00
8) Nitrobenzene-d5	9.003	82	2798	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.235	152	4961	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	959	0.336	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	8975	0.409	ng		0.00
27) Fluoranthene-d10	19.266	212	11113	0.371	ng		0.00
31) Terphenyl-d14	19.865	244	7285	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1401	0.412	ng		97
3) n-Nitrosodimethylamine	3.608	42	1394	0.366	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	3695	0.421	ng		100
9) Naphthalene	10.690	128	9313	0.411	ng		99
10) Hexachlorobutadiene	10.968	225	2528	0.425	ng	#	98
12) 2-Methylnaphthalene	12.306	142	6052	0.401	ng		99
16) Acenaphthylene	14.207	152	7948	0.368	ng		99
17) Acenaphthene	14.549	154	5971	0.407	ng		99
18) Fluorene	15.532	166	8119	0.408	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	539	0.380	ng	#	77
21) 4-Bromophenyl-phenylether	16.422	248	3097	0.386	ng	#	83
22) Hexachlorobenzene	16.533	284	3948	0.409	ng		98
23) Atrazine	16.707	200	1827	0.348	ng		98
24) Pentachlorophenol	16.893	266	951	0.371	ng		95
25) Phenanthrene	17.278	178	13362	0.393	ng		100
26) Anthracene	17.365	178	10324	0.369	ng		100
28) Fluoranthene	19.296	202	14613	0.375	ng		100
30) Pyrene	19.663	202	14395	0.454	ng		100
32) Benzo(a)anthracene	21.410	228	10817	0.370	ng		98
33) Chrysene	21.464	228	12864	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.330	149	4709	0.353	ng		99
36) Indeno(1,2,3-cd)pyrene	26.261	276	11174	0.388	ng		99
37) Benzo(b)fluoranthene	23.080	252	10964	0.427	ng	#	93
38) Benzo(k)fluoranthene	23.127	252	11008m	0.434	ng		
39) Benzo(a)pyrene	23.700	252	7750	0.398	ng	#	91
40) Dibenzo(a,h)anthracene	26.278	278	8592	0.372	ng		97
41) Benzo(g,h,i)perylene	27.015	276	9854	0.403	ng		97

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

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