Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
Data File : BN024291.D
Acq On : 15 Mar 2023 13:41
Operator : CG/JU
Sample : PB151326BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 01:17:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 16 01:06:57 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB151326BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	8145	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	23153	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	10957	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	22324	0.400	ng		0.00
29) Chrysene-d12	21.610	240	16381	0.400	ng		# 0.00
35) Perylene-d12	24.126	264	12281	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4318	0.239	ng		0.00
5) Phenol-d6	7.195	99	5311	0.229	ng		0.00
8) Nitrobenzene-d5	9.200	82	3714	0.240	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	8388m	0.295	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	873	0.156	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	9690	0.234	ng		0.00
27) Fluoranthene-d10	19.446	212	11074	0.234	ng		0.00
31) Terphenyl-d14	20.042	244	6497	0.235	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	2693	0.304	ng	#	53
3) n-Nitrosodimethylamine	3.757	42	4905	0.378	ng		93
6) bis(2-Chloroethyl)ether	7.455	93	8528	0.371	ng		97
9) Naphthalene	10.909	128	20435	0.347	ng		99
10) Hexachlorobutadiene	11.197	225	3885	0.348	ng	#	99
12) 2-Methylnaphthalene	12.512	142	12381	0.311	ng		99
16) Acenaphthylene	14.397	152	16880	0.325	ng		100
17) Acenaphthene	14.739	154	10999	0.332	ng		97
18) Fluorene	15.712	166	12566	0.318	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	666	0.338	ng		86
21) 4-Bromophenyl-phenylether	16.606	248	3973	0.299	ng	#	75
22) Hexachlorobenzene	16.730	284	5710	0.351	ng		98
23) Atrazine	16.867	200	2665	0.316	ng	#	88
24) Pentachlorophenol	17.065	266	2957	0.427	ng		99
25) Phenanthrene	17.462	178	22639	0.342	ng		100
26) Anthracene	17.549	178	18956	0.311	ng		100
28) Fluoranthene	19.475	202	22469	0.310	ng		99
30) Pyrene	19.838	202	22926	0.345	ng		99
32) Benzo(a)anthracene	21.592	228	18379	0.336	ng		98
33) Chrysene	21.654	228	20275	0.347	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	8312	0.323	ng		98
36) Indeno(1,2,3-cd)pyrene	26.754	276	15669	0.341	ng		97
37) Benzo(b)fluoranthene	23.351	252	18320	0.384	ng	#	95
38) Benzo(k)fluoranthene	23.407	252	17986	0.365	ng	#	95
39) Benzo(a)pyrene	24.009	252	13545	0.309	ng	#	92
40) Dibenzo(a,h)anthracene	26.775	278	11655	0.327	ng		95
41) Benzo(g,h,i)perylene	27.564	276	14941	0.359	ng		96

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

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