Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029073.D
Acq On : 07 Dec 2023 01:37
Operator : MA/JU
Sample : PB157241BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 07 02:07:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB157241BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	1361	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	2643	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1286	0.400	ng		0.00
19) Phenanthrene-d10	17.146	188	3549	0.400	ng		0.00
29) Chrysene-d12	21.347	240	1079	0.400	ng		# 0.00
35) Perylene-d12	23.675	264	55	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	1162	0.377	ng		0.00
5) Phenol-d6	6.980	99	1173	0.319	ng		0.00
8) Nitrobenzene-d5	8.939	82	883	0.277	ng		0.00
11) 2-Methylnaphthalene-d10	12.140	152	1461	0.263	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	480	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	2674	0.402	ng		0.00
27) Fluoranthene-d10	19.181	212	2720	0.244	ng		0.00
31) Terphenyl-d14	19.789	244	1662	0.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	533	0.486	ng	#	84
3) n-Nitrosodimethylamine	3.730	42	13708	20.601	ng	#	1
6) bis(2-Chloroethyl)ether	7.226	93	1040	0.399	ng		98
9) Naphthalene	10.605	128	2680	0.325	ng		98
10) Hexachlorobutadiene	10.872	225	1012	0.278	ng	#	98
12) 2-Methylnaphthalene	12.216	142	1932	0.288	ng		97
16) Acenaphthylene	14.118	152	2044	0.289	ng		98
17) Acenaphthene	14.460	154	1700	0.383	ng		100
18) Fluorene	15.444	166	2795	0.394	ng		96
20) 4,6-Dinitro-2-methylph...	15.545	198	454	0.424	ng		95
21) 4-Bromophenyl-phenylether	16.340	248	1151	0.359	ng	#	73
22) Hexachlorobenzene	16.439	284	1285	0.352	ng	#	93
24) Pentachlorophenol	16.799	266	1876	0.939	ng		95
25) Phenanthrene	17.184	178	4289	0.362	ng		99
26) Anthracene	17.283	178	3556	0.310	ng		99
28) Fluoranthene	19.213	202	4515	0.277	ng	#	99
30) Pyrene	19.576	202	2156	0.322	ng		99
32) Benzo(a)anthracene	21.329	228	2539	0.464	ng		99
33) Chrysene	21.383	228	3151	0.585	ng		99
34) Bis(2-ethylhexyl)phtha...	21.275	149	1693	0.502	ng		97
36) Indeno(1,2,3-cd)pyrene	26.055	276	2147m	7.655	ng		
37) Benzo(b)fluoranthene	22.965	252	2989	10.123	ng	#	85
38) Benzo(k)fluoranthene	23.012	252	2231	8.059	ng	#	76
39) Benzo(a)pyrene	23.570	252	695	2.844	ng	#	16
40) Dibenzo(a,h)anthracene	26.079	278	2368	10.946	ng	#	79
41) Benzo(g,h,i)perylene	26.774	276	1789m	7.561	ng		

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

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