Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021823\
Data File : BN024071.D
Acq On : 17 Feb 2023 18:52
Operator : CG/JU
Sample : PB150903BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 18 02:02:54 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 :
PB150903BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4960	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	12894	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	7640	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	16260	0.400	ng	#	0.00
29) Chrysene-d12	21.428	240	11377	0.400	ng		0.00
35) Perylene-d12	23.822	264	8529	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	4016	0.390	ng		0.00
5) Phenol-d6	7.002	99	4909	0.404	ng		0.00
8) Nitrobenzene-d5	8.993	82	4194	0.405	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7071	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	1268	0.322	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	12774	0.423	ng		0.00
27) Fluoranthene-d10	19.262	212	14269	0.362	ng		0.00
31) Terphenyl-d14	19.861	244	9400	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1926	0.409	ng		97
3) n-Nitrosodimethylamine	3.600	42	2055	0.390	ng	#	98
6) bis(2-Chloroethyl)ether	7.255	93	5322	0.438	ng		99
9) Naphthalene	10.680	128	13455	0.418	ng		99
10) Hexachlorobutadiene	10.968	225	3519	0.417	ng	#	100
12) 2-Methylnaphthalene	12.302	142	8706	0.407	ng		98
16) Acenaphthylene	14.196	152	11368	0.382	ng		99
17) Acenaphthene	14.538	154	8392	0.414	ng		98
18) Fluorene	15.532	166	11197	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	759	0.393	ng	#	64
21) 4-Bromophenyl-phenylether	16.421	248	4151	0.393	ng	#	91
22) Hexachlorobenzene	16.533	284	5252	0.413	ng		97
23) Atrazine	16.694	200	2493	0.360	ng	#	95
24) Pentachlorophenol	16.881	266	1253	0.371	ng		96
25) Phenanthrene	17.265	178	17980	0.401	ng		100
26) Anthracene	17.365	178	13973	0.379	ng		100
28) Fluoranthene	19.292	202	18917	0.368	ng		99
30) Pyrene	19.658	202	18395	0.466	ng		100
32) Benzo(a)anthracene	21.410	228	13615	0.374	ng		98
33) Chrysene	21.464	228	16519	0.420	ng		100
34) Bis(2-ethylhexyl)phtha...	21.338	149	5746	0.345	ng		98
36) Indeno(1,2,3-cd)pyrene	26.287	276	16045	0.414	ng		99
37) Benzo(b)fluoranthene	23.091	252	14267m	0.413	ng		
38) Benzo(k)fluoranthene	23.141	252	13981	0.410	ng		96
39) Benzo(a)pyrene	23.705	252	10287	0.393	ng	#	94
40) Dibenzo(a,h)anthracene	26.304	278	12627	0.407	ng		98
41) Benzo(g,h,i)perylene	27.044	276	13926	0.423	ng		98

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

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