Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032597.D
Acq On : 09 Jul 2024 21:23
Operator : MA/JU
Sample : PB161831BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161831BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 01:02:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4953	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	16180	0.400	ng		-0.01
13) Acenaphthene-d10	14.232	164	11304	0.400	ng		0.00
19) Phenanthrene-d10	16.992	188	24398	0.400	ng		#-0.01
29) Chrysene-d12	21.211	240	17628	0.400	ng		0.00
35) Perylene-d12	23.423	264	16890	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4442	0.355	ng		0.00
5) Phenol-d6	6.816	99	5541	0.346	ng		0.00
8) Nitrobenzene-d5	8.798	82	3974	0.329	ng		0.00
11) 2-Methylnaphthalene-d10	11.979	152	9990	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1639	0.320	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	15579	0.374	ng		0.00
27) Fluoranthene-d10	19.040	212	22663	0.356	ng		0.00
31) Terphenyl-d14	19.644	244	17202	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2421	0.371	ng		97
3) n-Nitrosodimethylamine	3.486	42	1779	0.376	ng		100
6) bis(2-Chloroethyl)ether	7.040	93	4026	0.374	ng		100
9) Naphthalene	10.421	128	17145	0.388	ng		98
10) Hexachlorobutadiene	10.667	225	3333	0.379	ng	#	99
12) 2-Methylnaphthalene	12.055	142	11508	0.389	ng		100
16) Acenaphthylene	13.954	152	16796	0.345	ng		99
17) Acenaphthene	14.296	154	12806	0.379	ng		99
18) Fluorene	15.290	166	16864	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	627	0.362	ng		90
21) 4-Bromophenyl-phenylether	16.197	248	5595	0.386	ng		94
22) Hexachlorobenzene	16.284	284	6137	0.385	ng		98
23) Atrazine	16.483	200	3774	0.334	ng		97
24) Pentachlorophenol	16.681	266	1524	0.377	ng		98
25) Phenanthrene	17.041	178	25199	0.380	ng		100
26) Anthracene	17.140	178	18032	0.338	ng		99
28) Fluoranthene	19.068	202	28203	0.352	ng		100
30) Pyrene	19.435	202	29638	0.413	ng		100
32) Benzo(a)anthracene	21.193	228	19485	0.334	ng		99
33) Chrysene	21.247	228	28117	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	12903	0.326	ng		99
36) Indeno(1,2,3-cd)pyrene	25.662	276	24347	0.377	ng		100
37) Benzo(b)fluoranthene	22.756	252	20560	0.365	ng		99
38) Benzo(k)fluoranthene	22.800	252	26821m	0.414	ng		
39) Benzo(a)pyrene	23.332	252	19933	0.374	ng		99
40) Dibenzo(a,h)anthracene	25.674	278	19162	0.374	ng		99
41) Benzo(g,h,i)perylene	26.341	276	21938	0.393	ng		97

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

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