Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031440.D
Acq On : 08 May 2024 15:15
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 08 16:14:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/09/2024
Supervised By :mohammad ahmed 05/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	3540	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	16298	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	9097	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	20152	0.400	ng		0.00
29) Chrysene-d12	21.166	240	17544	0.400	ng	#	0.00
35) Perylene-d12	23.355	264	18232	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	3184	0.384	ng		0.00
5) Phenol-d6	6.743	99	5166	0.525	ng		0.00
8) Nitrobenzene-d5	8.713	82	4149	0.290	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	9293	0.486	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1218	0.272	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	14289	0.425	ng		0.00
27) Fluoranthene-d10	19.003	212	19947	0.366	ng		0.00
31) Terphenyl-d14	19.611	244	15626	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2416	0.572	ng		98
3) n-Nitrosodimethylamine	3.421	42	1711	0.406	ng	#	91
6) bis(2-Chloroethyl)ether	7.003	93	4803	0.522	ng		98
9) Naphthalene	10.389	128	16880	0.371	ng		99
10) Hexachlorobutadiene	10.667	225	3535	0.372	ng	#	99
12) 2-Methylnaphthalene	12.013	142	10972	0.496	ng		97
16) Acenaphthylene	13.932	152	14107	0.353	ng		100
17) Acenaphthene	14.274	154	9757	0.357	ng		100
18) Fluorene	15.268	166	8357	0.236	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	631	0.230	ng	#	79
21) 4-Bromophenyl-phenylether	16.160	248	4349	0.374	ng		98
22) Hexachlorobenzene	16.271	284	5046	0.379	ng		98
23) Atrazine	16.445	200	3098	0.340	ng		98
24) Pentachlorophenol	16.619	266	1546	0.362	ng		100
25) Phenanthrene	17.004	178	21756	0.376	ng		100
26) Anthracene	17.103	178	17074	0.351	ng		100
28) Fluoranthene	19.035	202	25644	0.363	ng		100
30) Pyrene	19.402	202	26006	0.429	ng		100
32) Benzo(a)anthracene	21.157	228	21804	0.360	ng		99
33) Chrysene	21.202	228	24305	0.385	ng		98
34) Bis(2-ethylhexyl)phtha...	21.095	149	10806m	0.338	ng		
36) Indeno(1,2,3-cd)pyrene	25.539	276	29145	0.396	ng		99
37) Benzo(b)fluoranthene	22.701	252	26786	0.375	ng		98
38) Benzo(k)fluoranthene	22.741	252	26965	0.384	ng		99
39) Benzo(a)pyrene	23.259	252	23203	0.387	ng		96
40) Dibenzo(a,h)anthracene	25.557	278	23213	0.400	ng		98
41) Benzo(g,h,i)perylene	26.206	276	17279	0.293	ng		98

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

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