Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025514.D
Acq On : 20 May 2023 08:47
Operator : CG/JU
Sample : PB152883BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152883BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 22 01:58:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	3972	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	11662	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6982	0.400	ng		-0.01
19) Phenanthrene-d10	17.435	188	15359	0.400	ng		# 0.00
29) Chrysene-d12	21.616	240	11256	0.400	ng		# 0.00
35) Perylene-d12	24.120	264	11095	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	4348	0.485	ng		0.00
5) Phenol-d6	7.218	99	5430	0.472	ng		0.00
8) Nitrobenzene-d5	9.234	82	4657	0.500	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	8001	0.493	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1268	0.466	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	13834	0.518	ng		-0.01
27) Fluoranthene-d10	19.464	212	16718	0.471	ng		0.00
31) Terphenyl-d14	20.049	244	10943	0.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2049	0.506	ng		99
3) n-Nitrosodimethylamine	3.787	42	2114	0.473	ng		88
6) bis(2-Chloroethyl)ether	7.485	93	5683	0.508	ng		99
9) Naphthalene	10.942	128	14786	0.498	ng		99
10) Hexachlorobutadiene	11.230	225	2704	0.480	ng	#	97
12) 2-Methylnaphthalene	12.544	142	10672	0.497	ng		99
16) Acenaphthylene	14.416	152	15849	0.497	ng		100
17) Acenaphthene	14.758	154	10841	0.516	ng		99
18) Fluorene	15.734	166	13627	0.524	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	1691	0.530	ng	#	75
21) 4-Bromophenyl-phenylether	16.628	248	4447	0.492	ng	#	87
22) Hexachlorobenzene	16.752	284	4069	0.482	ng		95
23) Atrazine	16.889	200	3394	0.461	ng	#	94
24) Pentachlorophenol	17.087	266	1814	0.426	ng		100
25) Phenanthrene	17.485	178	22774	0.506	ng		99
26) Anthracene	17.571	178	20834	0.495	ng		100
28) Fluoranthene	19.494	202	24827	0.485	ng		99
30) Pyrene	19.856	202	25068	0.558	ng		100
32) Benzo(a)anthracene	21.598	228	21199	0.520	ng		99
33) Chrysene	21.652	228	22421	0.555	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	12426	0.518	ng		99
36) Indeno(1,2,3-cd)pyrene	26.740	276	22734	0.506	ng		98
37) Benzo(b)fluoranthene	23.349	252	21543m	0.523	ng		
38) Benzo(k)fluoranthene	23.398	252	21589	0.513	ng		98
39) Benzo(a)pyrene	24.003	252	19096	0.493	ng	#	95
40) Dibenzo(a,h)anthracene	26.760	278	18448	0.513	ng		97
41) Benzo(g,h,i)perylene	27.547	276	18521	0.488	ng		98

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

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