Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025534.D
Acq On : 20 May 2023 21:51
Operator : CG/JU
Sample : PB152912BSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: May 22 02:01:38 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

Instrument :
BNA_N
ClientSampleId :
PB152912BSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	5064	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	15053	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8984	0.400	ng		-0.01
19) Phenanthrene-d10	17.435	188	19984	0.400	ng		0.00
29) Chrysene-d12	21.620	240	13381	0.400	ng		0.00
35) Perylene-d12	24.136	264	11039	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	5499	0.481	ng		0.00
5) Phenol-d6	7.218	99	7041	0.480	ng		0.00
8) Nitrobenzene-d5	9.234	82	6105	0.508	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	10383	0.496	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1600	0.457	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	17974	0.523	ng		-0.01
27) Fluoranthene-d10	19.464	212	21068	0.457	ng		0.00
31) Terphenyl-d14	20.053	244	14555	0.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2669	0.517	ng		99
3) n-Nitrosodimethylamine	3.780	42	2911	0.511	ng	#	89
6) bis(2-Chloroethyl)ether	7.485	93	7385	0.518	ng		99
9) Naphthalene	10.942	128	19182	0.501	ng		100
10) Hexachlorobutadiene	11.230	225	3393	0.467	ng	#	100
12) 2-Methylnaphthalene	12.540	142	13825	0.499	ng		99
16) Acenaphthylene	14.416	152	20429	0.498	ng		100
17) Acenaphthene	14.758	154	14212	0.525	ng		99
18) Fluorene	15.734	166	17418	0.520	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	2165	0.521	ng	#	79
21) 4-Bromophenyl-phenylether	16.628	248	5724	0.487	ng	#	91
22) Hexachlorobenzene	16.740	284	5175	0.471	ng		94
23) Atrazine	16.889	200	4374	0.457	ng		95
24) Pentachlorophenol	17.087	266	2292	0.414	ng		99
25) Phenanthrene	17.485	178	29311	0.501	ng		100
26) Anthracene	17.571	178	27026	0.493	ng		100
28) Fluoranthene	19.490	202	31500	0.473	ng		100
30) Pyrene	19.852	202	31623	0.592	ng		100
32) Benzo(a)anthracene	21.602	228	24976	0.515	ng		99
33) Chrysene	21.656	228	25875	0.539	ng		100
34) Bis(2-ethylhexyl)phtha...	21.522	149	14396	0.505	ng		99
36) Indeno(1,2,3-cd)pyrene	26.773	276	20492	0.459	ng		98
37) Benzo(b)fluoranthene	23.362	252	22128m	0.540	ng		
38) Benzo(k)fluoranthene	23.417	252	22351	0.534	ng		98
39) Benzo(a)pyrene	24.022	252	19083	0.495	ng	#	95
40) Dibenzo(a,h)anthracene	26.797	278	16557	0.463	ng		96
41) Benzo(g,h,i)perylene	27.586	276	16913	0.448	ng		97

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

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