Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053492.D
Acq On : 9 May 2022 14:24
Operator : CG/JU
Sample : PB144673BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 09 16:22:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144673BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	25535	20.000	ng		-0.01
21) Naphthalene-d8	10.902	136	111075	20.000	ng		-0.01
39) Acenaphthene-d10	14.714	164	91403	20.000	ng		0.00
64) Phenanthrene-d10	17.458	188	229037	20.000	ng		-0.01
76) Chrysene-d12	21.740	240	229396	20.000	ng		0.00
86) Perylene-d12	25.018	264	236552	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	200809	133.464	ng		-0.01
7) Phenol-d6	7.254	99	290078	127.035	ng		0.00
23) Nitrobenzene-d5	9.251	82	199785	76.566	ng		-0.01
42) 2,4,6-Tribromophenol	16.206	330	154680	114.740	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	456755	73.022	ng		0.00
79) Terphenyl-d14	20.060	244	970682	78.810	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	21103	26.732	ng	#	88
3) Pyridine	3.935	79	54482m	28.259	ng		
4) n-Nitrosodimethylamine	3.847	42	38700	41.207	ng		98
6) Aniline	7.413	93	106141	41.968	ng		97
8) 2-Chlorophenol	7.659	128	71598	45.519	ng		98
9) Benzaldehyde	7.225	77	52977m	36.519	ng		
10) Phenol	7.283	94	103777	46.468	ng		95
11) bis(2-Chloroethyl)ether	7.501	93	66380	39.853	ng		95
12) 1,3-Dichlorobenzene	7.976	146	72556	39.102	ng		96
13) 1,4-Dichlorobenzene	8.123	146	74378	39.722	ng		96
14) 1,2-Dichlorobenzene	8.446	146	71366	40.587	ng		94
15) Benzyl Alcohol	8.329	79	83114m	43.537	ng		
16) 2,2'-oxybis(1-Chloropr...	8.617	45	108879	40.164	ng		98
17) 2-Methylphenol	8.535	107	67338	44.611	ng		95
18) Hexachloroethane	9.175	117	27617	38.839	ng		96
19) n-Nitroso-di-n-propyla...	8.893	70	67197	41.015	ng		96
20) 3+4-Methylphenols	8.864	107	94008	44.097	ng		97
22) Acetophenone	8.911	105	114813	37.768	ng	#	99
24) Nitrobenzene	9.292	77	102767	40.692	ng		96
25) Isophorone	9.815	82	185980	42.351	ng		97
26) 2-Nitrophenol	10.009	139	41894	40.957	ng		97
27) 2,4-Dimethylphenol	10.068	122	73798	47.941	ng		99
28) bis(2-Chloroethoxy)met...	10.297	93	98608	39.043	ng		97
29) 2,4-Dichlorophenol	10.549	162	80413	43.283	ng		96
30) 1,2,4-Trichlorobenzene	10.761	180	81661	38.686	ng		95
31) Naphthalene	10.949	128	220469	39.020	ng		99
32) Benzoic acid	10.238	122	30766m	34.807	ng		
33) 4-Chloroaniline	11.055	127	77715	32.843	ng		96
34) Hexachlorobutadiene	11.237	225	59337	37.909	ng		96
35) Caprolactam	11.824	113	28953m	42.884	ng		
36) 4-Chloro-3-methylphenol	12.177	107	95625	43.029	ng		98
37) 2-Methylnaphthalene	12.547	142	164670	39.053	ng		99
38) 1-Methylnaphthalene	12.764	142	157326m	38.242	ng		
40) 1,2,4,5-Tetrachloroben...	12.917	216	108245	37.570	ng		98
41) Hexachlorocyclopentadiene	12.899	237	102678	86.665	ng		94
43) 2,4,6-Trichlorophenol	13.158	196	72577	38.591	ng		96

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44) 2,4,5-Trichlorophenol	13.234	196	80543	40.240	ng		100
46) 1,1'-Biphenyl	13.551	154	233943	37.549	ng		96
47) 2-Chloronaphthalene	13.592	162	179146	36.700	ng		100
48) 2-Nitroaniline	13.792	65	75240	41.366	ng		99
49) Acenaphthylene	14.438	152	317059	40.704	ng		99
50) Dimethylphthalate	14.162	163	265974	38.293	ng		97
51) 2,6-Dinitrotoluene	14.286	165	59444	42.008	ng		94
52) Acenaphthene	14.779	154	175699	37.849	ng		98
53) 3-Nitroaniline	14.615	138	50061	32.742	ng		95
54) 2,4-Dinitrophenol	14.832	184	66252	74.244	ng		96
55) Dibenzofuran	15.114	168	309964	37.175	ng		97
56) 4-Nitrophenol	14.938	139	88836	81.347	ng		92
57) 2,4-Dinitrotoluene	15.079	165	85150	41.513	ng	#	97
58) Fluorene	15.760	166	258461	38.627	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.343	232	77680	38.250	ng		99
60) Diethylphthalate	15.519	149	277577	38.688	ng		97
61) 4-Chlorophenyl-phenyle...	15.748	204	140720	37.689	ng		98
62) 4-Nitroaniline	15.784	138	61484	38.770	ng		96
63) Azobenzene	16.042	77	276791	37.674	ng		99
65) 4,6-Dinitro-2-methylph...	15.842	198	51854	37.995	ng		96
66) n-Nitrosodiphenylamine	15.960	169	230691	38.363	ng		98
67) 4-Bromophenyl-phenylether	16.641	248	102656	38.378	ng		95
68) Hexachlorobenzene	16.770	284	112727	38.480	ng		98
69) Atrazine	16.906	200	101853	40.234	ng		96
70) Pentachlorophenol	17.117	266	109358	69.939	ng		94
71) Phenanthrene	17.505	178	451675	38.783	ng		99
72) Anthracene	17.593	178	449978	39.309	ng		99
73) Carbazole	17.857	167	415658	37.050	ng		100
74) Di-n-butylphthalate	18.409	149	487278	38.619	ng		99
75) Fluoranthene	19.508	202	587811	38.981	ng		98
77) Benzidine	19.684	184	287198	58.086	ng		99
78) Pyrene	19.872	202	586342	39.484	ng		100
80) Butylbenzylphthalate	20.742	149	212458	39.016	ng		94
81) Benzo(a)anthracene	21.723	228	582967	39.844	ng		100
82) 3,3'-Dichlorobenzidine	21.629	252	172858	46.588	ng		97
83) Chrysene	21.787	228	527961	38.636	ng		98
84) Bis(2-ethylhexyl)phtha...	21.611	149	300900	40.035	ng		95
85) Di-n-octyl phthalate	22.833	149	512018	40.287	ng		99
87) Indeno(1,2,3-cd)pyrene	28.784	276	651611	39.551	ng	#	96
88) Benzo(b)fluoranthene	23.978	252	609609	43.538	ng		99
89) Benzo(k)fluoranthene	24.049	252	564974	41.062	ng		98
90) Benzo(a)pyrene	24.871	252	581235	48.771	ng		100
91) Dibenzo(a,h)anthracene	28.842	278	559796	41.235	ng		99
92) Benzo(g,h,i)perylene	29.970	276	560632	41.662	ng		96

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

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