Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG056987.D
Acq On : 5 Apr 2023 12:04
Operator : CG/JU
Sample : PB151898BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 06 05:07:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB151898BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.420	152	12043	20.000	ng		0.00
21) Naphthalene-d8	11.263	136	53975	20.000	ng	#	0.00
39) Acenaphthene-d10	15.034	164	45790	20.000	ng		0.00
64) Phenanthrene-d10	17.772	188	116691	20.000	ng		0.00
76) Chrysene-d12	22.095	240	92034	20.000	ng		0.00
86) Perylene-d12	25.643	264	99133	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.929	112	117294	155.877	ng		0.00
7) Phenol-d6	7.550	99	176426	156.764	ng		0.00
23) Nitrobenzene-d5	9.594	82	116377	88.224	ng		0.00
42) 2,4,6-Tribromophenol	16.514	330	107608	147.104	ng		0.00
45) 2-Fluorobiphenyl	13.660	172	292517	86.625	ng		0.00
79) Terphenyl-d14	20.339	244	561728	103.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.732	88	8893	26.960	ng	#	88
3) Pyridine	4.149	79	31880	30.006	ng		95
4) n-Nitrosodimethylamine	4.055	42	19387	39.689	ng		93
6) Aniline	7.726	93	58082	40.370	ng		98
8) 2-Chlorophenol	7.979	128	41666	55.591	ng		91
9) Benzaldehyde	7.538	77	28261	40.036	ng		93
10) Phenol	7.580	94	60115	53.908	ng		99
11) bis(2-Chloroethyl)ether	7.814	93	38286	48.198	ng		97
12) 1,3-Dichlorobenzene	8.308	146	39552	47.758	ng		97
13) 1,4-Dichlorobenzene	8.455	146	41343	49.462	ng		94
14) 1,2-Dichlorobenzene	8.778	146	41297m	51.140	ng		
15) Benzyl Alcohol	8.649	79	48359m	51.713	ng		
16) 2,2'-oxybis(1-Chloropr...	8.937	45	45736	47.775	ng		97
17) 2-Methylphenol	8.848	107	41720	52.439	ng	#	86
18) Hexachloroethane	9.518	117	14201	46.484	ng	#	86
19) n-Nitroso-di-n-propyla...	9.218	70	38327	47.612	ng		99
20) 3+4-Methylphenols	9.177	107	57058	51.288	ng		98
22) Acetophenone	9.248	105	70303	43.773	ng	#	98
24) Nitrobenzene	9.641	77	58738	43.553	ng		97
25) Isophorone	10.158	82	107333	42.729	ng		100
26) 2-Nitrophenol	10.358	139	24395	46.863	ng		93
27) 2,4-Dimethylphenol	10.399	122	43831	47.689	ng		98
28) bis(2-Chloroethoxy)met...	10.634	93	53279	42.366	ng		96
29) 2,4-Dichlorophenol	10.899	162	46272	46.813	ng		96
30) 1,2,4-Trichlorobenzene	11.116	180	47661	45.380	ng		92
31) Naphthalene	11.310	128	131930	44.844	ng		98
32) Benzoic acid	10.528	122	29081	46.062	ng		93
33) 4-Chloroaniline	11.410	127	41928	31.555	ng		97
34) Hexachlorobutadiene	11.586	225	33865	42.925	ng		93
35) Caprolactam	12.173	113	16288m	47.782	ng		
36) 4-Chloro-3-methylphenol	12.496	107	54002	48.853	ng		94
37) 2-Methylnaphthalene	12.884	142	101162	43.325	ng		97
38) 1-Methylnaphthalene	13.101	142	95293	43.463	ng		99
40) 1,2,4,5-Tetrachloroben...	13.248	216	69528	43.787	ng		98
41) Hexachlorocyclopentadiene	13.219	237	95209	108.826	ng		98
43) 2,4,6-Trichlorophenol	13.477	196	45428	44.833	ng		97

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44) 2,4,5-Trichlorophenol	13.548	196	50912	42.413	ng		98
46) 1,1'-Biphenyl	13.871	154	148639	44.344	ng		97
47) 2-Chloronaphthalene	13.924	162	112375	45.329	ng		99
48) 2-Nitroaniline	14.112	65	40618	45.821	ng		94
49) Acenaphthylene	14.758	152	179754	44.131	ng		98
50) Dimethylphthalate	14.470	163	160623	44.519	ng		99
51) 2,6-Dinitrotoluene	14.594	165	35061	44.977	ng		94
52) Acenaphthene	15.099	154	141372m	50.325	ng		
53) 3-Nitroaniline	14.928	138	24328	31.530	ng		96
54) 2,4-Dinitrophenol	15.134	184	48435	110.389	ng		95
55) Dibenzofuran	15.428	168	184798	43.830	ng		98
56) 4-Nitrophenol	15.222	139	57131	100.130	ng		88
57) 2,4-Dinitrotoluene	15.381	165	51394	46.746	ng	#	99
58) Fluorene	16.074	166	155948	44.698	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.645	232	49983	45.732	ng	#	98
60) Diethylphthalate	15.815	149	166549	46.047	ng		99
61) 4-Chlorophenyl-phenyle...	16.050	204	90702	44.278	ng		94
62) 4-Nitroaniline	16.086	138	36713	45.924	ng		96
63) Azobenzene	16.344	77	157935	43.815	ng		99
65) 4,6-Dinitro-2-methylph...	16.139	198	35266	49.900	ng		98
66) n-Nitrosodiphenylamine	16.262	169	134595	42.967	ng		99
67) 4-Bromophenyl-phenylether	16.949	248	60685	42.030	ng		96
68) Hexachlorobenzene	17.078	284	66298	46.445	ng		98
69) Atrazine	17.196	200	62051	47.720	ng		96
70) Pentachlorophenol	17.413	266	83000	81.048	ng		98
71) Phenanthrene	17.813	178	264148	44.399	ng		99
72) Anthracene	17.907	178	264732	43.406	ng		99
73) Carbazole	18.165	167	233252	43.865	ng		96
74) Di-n-butylphthalate	18.688	149	270770	43.974	ng		100
75) Fluoranthene	19.798	202	303773	40.278	ng		99
77) Benzidine	19.963	184	142542	56.663	ng		98
78) Pyrene	20.162	202	304229	47.793	ng		98
80) Butylbenzylphthalate	21.020	149	102509	46.797	ng		94
81) Benzo(a)anthracene	22.072	228	280585	44.057	ng		100
82) 3,3'-Dichlorobenzidine	21.966	252	82667	38.439	ng		98
83) Chrysene	22.142	228	258177	43.295	ng		97
84) Bis(2-ethylhexyl)phtha...	21.925	149	142722	44.996	ng		95
85) Di-n-octyl phthalate	23.241	149	239686	44.841	ng		98
87) Indeno(1,2,3-cd)pyrene	29.744	276	330207	45.071	ng		98
88) Benzo(b)fluoranthene	24.504	252	289611	46.718	ng		99
89) Benzo(k)fluoranthene	24.580	252	278045	44.928	ng		100
90) Benzo(a)pyrene	25.473	252	250998	41.204	ng		100
91) Dibenzo(a,h)anthracene	29.814	278	278770	46.291	ng		98
92) Benzo(g,h,i)perylene	31.036	276	261901	44.414	ng		99

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

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