Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
Data File : BG057055.D
Acq On : 11 Apr 2023 16:14
Operator : CG/JU
Sample : PB152037BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 12 04:41:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.405	152	18476	20.000	ng		0.00
21) Naphthalene-d8	11.248	136	71112	20.000	ng	#	0.00
39) Acenaphthene-d10	15.019	164	50110	20.000	ng		0.00
64) Phenanthrene-d10	17.757	188	118796	20.000	ng		0.00
76) Chrysene-d12	22.080	240	104899	20.000	ng	#	0.00
86) Perylene-d12	25.622	264	109615	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.920	112	166405	144.145	ng		0.00
7) Phenol-d6	7.547	99	227599	131.820	ng		0.00
23) Nitrobenzene-d5	9.585	82	146663	84.389	ng		0.00
42) 2,4,6-Tribromophenol	16.505	330	111489	139.270	ng		0.00
45) 2-Fluorobiphenyl	13.645	172	327314	88.573	ng		0.00
79) Terphenyl-d14	20.330	244	607880	98.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.723	88	17766	35.106	ng		95
3) Pyridine	4.152	79	49906	30.618	ng		95
4) n-Nitrosodimethylamine	4.058	42	28805	38.438	ng		96
6) Aniline	7.717	93	76546	34.679	ng		99
8) 2-Chlorophenol	7.964	128	54375	47.288	ng		93
9) Benzaldehyde	7.529	77	38352	35.414	ng		95
10) Phenol	7.570	94	77858	45.509	ng		95
11) bis(2-Chloroethyl)ether	7.805	93	52468	43.054	ng		99
12) 1,3-Dichlorobenzene	8.299	146	59902	47.146	ng		99
13) 1,4-Dichlorobenzene	8.446	146	61234	47.752	ng		94
14) 1,2-Dichlorobenzene	8.769	146	58211	46.986	ng		92
15) Benzyl Alcohol	8.640	79	58984	41.114	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.927	45	64300	43.780	ng		98
17) 2-Methylphenol	8.839	107	50613	41.467	ng		95
18) Hexachloroethane	9.509	117	21551	45.981	ng	#	80
19) n-Nitroso-di-n-propyla...	9.209	70	47529	38.486	ng	#	97
20) 3+4-Methylphenols	9.168	107	70556	41.339	ng		97
22) Acetophenone	9.239	105	90095	42.578	ng	#	93
24) Nitrobenzene	9.626	77	72970	41.067	ng		94
25) Isophorone	10.149	82	126697	38.283	ng		98
26) 2-Nitrophenol	10.349	139	31241	45.552	ng		94
27) 2,4-Dimethylphenol	10.384	122	53236	43.963	ng		97
28) bis(2-Chloroethoxy)met...	10.619	93	67540	40.764	ng		100
29) 2,4-Dichlorophenol	10.884	162	55190	42.379	ng		96
30) 1,2,4-Trichlorobenzene	11.107	180	62350	45.060	ng		96
31) Naphthalene	11.301	128	164086	42.333	ng		99
32) Benzoic acid	10.531	122	32603	39.196	ng	#	87
33) 4-Chloroaniline	11.395	127	44170	25.231	ng		96
34) Hexachlorobutadiene	11.571	225	42561	40.947	ng		88
35) Caprolactam	12.158	113	16736m	37.265	ng		
36) 4-Chloro-3-methylphenol	12.487	107	59152	40.616	ng		94
37) 2-Methylnaphthalene	12.875	142	117966	38.347	ng		96
38) 1-Methylnaphthalene	13.086	142	109296	37.836	ng		99
40) 1,2,4,5-Tetrachloroben...	13.233	216	81080	46.660	ng		98
41) Hexachlorocyclopentadiene	13.210	237	113169	118.203	ng		99
43) 2,4,6-Trichlorophenol	13.462	196	50479	45.523	ng		96

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44) 2,4,5-Trichlorophenol	13.539	196	53741	40.910	ng		99
46) 1,1'-Biphenyl	13.856	154	166403	45.364	ng		98
47) 2-Chloronaphthalene	13.909	162	125319	46.192	ng		97
48) 2-Nitroaniline	14.103	65	41003	42.267	ng		93
49) Acenaphthylene	14.749	152	193754	43.467	ng		100
50) Dimethylphthalate	14.455	163	165706	41.969	ng		99
51) 2,6-Dinitrotoluene	14.584	165	36249	42.492	ng		94
52) Acenaphthene	15.084	154	152341m	49.554	ng		
53) 3-Nitroaniline	14.919	138	25269	29.926	ng		92
54) 2,4-Dinitrophenol	15.125	184	50603	105.387	ng		96
55) Dibenzofuran	15.419	168	195114	42.287	ng		98
56) 4-Nitrophenol	15.213	139	59856	95.862	ng		91
57) 2,4-Dinitrotoluene	15.366	165	52048	43.259	ng	#	98
58) Fluorene	16.059	166	159210	41.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.636	232	50789	42.463	ng	#	98
60) Diethylphthalate	15.806	149	165294	41.760	ng		100
61) 4-Chlorophenyl-phenyle...	16.041	204	93376	41.654	ng		99
62) 4-Nitroaniline	16.077	138	35446	40.517	ng		96
63) Azobenzene	16.335	77	163525	41.455	ng		97
65) 4,6-Dinitro-2-methylph...	16.129	198	36374	50.556	ng		96
66) n-Nitrosodiphenylamine	16.253	169	138427	43.408	ng		99
67) 4-Bromophenyl-phenylether	16.934	248	61423	41.788	ng		97
68) Hexachlorobenzene	17.063	284	68423	47.084	ng		98
69) Atrazine	17.187	200	61363	46.355	ng		96
70) Pentachlorophenol	17.404	266	85697	82.199	ng		100
71) Phenanthrene	17.804	178	261955	43.250	ng		100
72) Anthracene	17.892	178	267827	43.135	ng		100
73) Carbazole	18.156	167	239313	44.207	ng		95
74) Di-n-butylphthalate	18.679	149	282072	44.997	ng		98
75) Fluoranthene	19.789	202	323525	42.137	ng		98
77) Benzidine	19.954	184	166892	58.207	ng		97
78) Pyrene	20.153	202	325644	44.883	ng		98
80) Butylbenzylphthalate	21.005	149	117903	47.224	ng		96
81) Benzo(a)anthracene	22.057	228	317177	43.694	ng		99
82) 3,3'-Dichlorobenzidine	21.957	252	87920	35.868	ng		99
83) Chrysene	22.133	228	294515	43.332	ng		100
84) Bis(2-ethylhexyl)phtha...	21.910	149	166886	46.161	ng		97
85) Di-n-octyl phthalate	23.220	149	281380	46.185	ng		99
87) Indeno(1,2,3-cd)pyrene	29.711	276	370344	45.715	ng	#	97
88) Benzo(b)fluoranthene	24.483	252	337840	49.287	ng		98
89) Benzo(k)fluoranthene	24.559	252	317722m	46.430	ng		
90) Benzo(a)pyrene	25.452	252	284529	42.242	ng		99
91) Dibenzo(a,h)anthracene	29.770	278	311205	46.735	ng		98
92) Benzo(g,h,i)perylene	30.986	276	295705	45.351	ng		99

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

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