Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057644.D
Acq On : 6 Jun 2023 19:35
Operator : CG/JU
Sample : PB153157BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 07 02:49:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.339	152	20757	20.000	ng		0.00
21) Naphthalene-d8	11.176	136	93313	20.000	ng	#	0.00
39) Acenaphthene-d10	14.959	164	71754	20.000	ng		0.00
64) Phenanthrene-d10	17.697	188	181270	20.000	ng		0.00
76) Chrysene-d12	22.003	240	155501	20.000	ng		0.00
86) Perylene-d12	25.492	264	169476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.860	112	212457	177.821	ng		0.00
7) Phenol-d6	7.493	99	312813	167.296	ng		0.00
23) Nitrobenzene-d5	9.519	82	196306	98.342	ng		0.00
42) 2,4,6-Tribromophenol	16.445	330	157198	136.837	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	498618	99.865	ng		0.00
79) Terphenyl-d14	20.264	244	949349	105.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.645	88	19373	39.135	ng		95
3) Pyridine	4.074	79	55916	36.947	ng		95
4) n-Nitrosodimethylamine	3.980	42	29365	47.956	ng		88
6) Aniline	7.651	93	107154	47.371	ng		98
8) 2-Chlorophenol	7.904	128	78620	61.293	ng		95
9) Benzaldehyde	7.469	77	48038	38.777	ng		98
10) Phenol	7.516	94	106300	60.065	ng		100
11) bis(2-Chloroethyl)ether	7.739	93	73274	55.449	ng		96
12) 1,3-Dichlorobenzene	8.227	146	78229	57.246	ng		98
13) 1,4-Dichlorobenzene	8.374	146	80625	57.993	ng		97
14) 1,2-Dichlorobenzene	8.703	146	77355	57.045	ng		98
15) Benzyl Alcohol	8.579	79	81241	56.482	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.856	45	95512m	58.208	ng		
17) 2-Methylphenol	8.785	107	73748	56.746	ng		96
18) Hexachloroethane	9.437	117	28583	60.043	ng		97
19) n-Nitroso-di-n-propyla...	9.143	70	69248	53.307	ng		99
20) 3+4-Methylphenols	9.114	107	102776	56.334	ng		97
22) Acetophenone	9.173	105	127534	51.112	ng	#	97
24) Nitrobenzene	9.566	77	98813	48.766	ng		98
25) Isophorone	10.083	82	191212	48.734	ng		96
26) 2-Nitrophenol	10.283	139	45760	52.671	ng		99
27) 2,4-Dimethylphenol	10.330	122	82950m	55.224	ng		
28) bis(2-Chloroethoxy)met...	10.553	93	108698	53.427	ng		96
29) 2,4-Dichlorophenol	10.829	162	86553	54.864	ng		98
30) 1,2,4-Trichlorobenzene	11.035	180	88381	51.404	ng		97
31) Naphthalene	11.229	128	245624	49.760	ng		98
32) Benzoic acid	10.495	122	38630m	44.650	ng		
33) 4-Chloroaniline	11.335	127	83787	36.911	ng		97
34) Hexachlorobutadiene	11.493	225	60832	51.153	ng		95
35) Caprolactam	12.110	113	31564m	48.263	ng		
36) 4-Chloro-3-methylphenol	12.439	107	97956	52.457	ng		99
37) 2-Methylnaphthalene	12.809	142	187505	48.399	ng		98
38) 1-Methylnaphthalene	13.026	142	178153	48.188	ng		99
40) 1,2,4,5-Tetrachloroben...	13.173	216	120964	51.361	ng		99
41) Hexachlorocyclopentadiene	13.138	237	71063	101.628	ng		96
43) 2,4,6-Trichlorophenol	13.408	196	78599	53.010	ng		96

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44) 2,4,5-Trichlorophenol	13.491	196	84406	47.797	ng		99
46) 1,1'-Biphenyl	13.796	154	268318	52.321	ng		98
47) 2-Chloronaphthalene	13.849	162	203717	52.738	ng		96
48) 2-Nitroaniline	14.049	65	67214	49.675	ng		100
49) Acenaphthylene	14.689	152	327202	50.022	ng		99
50) Dimethylphthalate	14.395	163	283886	48.003	ng		100
51) 2,6-Dinitrotoluene	14.530	165	63576	50.220	ng		97
52) Acenaphthene	15.024	154	201569	50.361	ng		98
53) 3-Nitroaniline	14.865	138	48916	37.046	ng	#	93
54) 2,4-Dinitrophenol	15.082	184	69269	89.752	ng		96
55) Dibenzofuran	15.353	168	332175	48.570	ng		98
56) 4-Nitrophenol	15.182	139	81471	92.606	ng		90
57) 2,4-Dinitrotoluene	15.323	165	91514	48.281	ng	#	98
58) Fluorene	15.999	166	277993	48.142	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.582	232	76624	46.315	ng		97
60) Diethylphthalate	15.740	149	294190	47.661	ng		99
61) 4-Chlorophenyl-phenyle...	15.975	204	157944	49.079	ng		99
62) 4-Nitroaniline	16.028	138	65287	45.836	ng		94
63) Azobenzene	16.269	77	270359	49.251	ng		98
65) 4,6-Dinitro-2-methylph...	16.093	198	57844	52.408	ng		97
66) n-Nitrosodiphenylamine	16.193	169	251173	53.311	ng		98
67) 4-Bromophenyl-phenylether	16.868	248	105703	51.984	ng		98
68) Hexachlorobenzene	17.003	284	113705	54.249	ng		99
69) Atrazine	17.127	200	109815	54.289	ng		100
70) Pentachlorophenol	17.356	266	92815	86.907	ng		99
71) Phenanthrene	17.738	178	469611	50.625	ng		99
72) Anthracene	17.832	178	477095	50.135	ng		98
73) Carbazole	18.102	167	429034	50.397	ng		99
74) Di-n-butylphthalate	18.613	149	504393	49.910	ng		99
75) Fluoranthene	19.729	202	566431	47.036	ng		99
77) Benzidine	19.899	184	330218	70.177	ng		98
78) Pyrene	20.093	202	571540	51.620	ng		99
80) Butylbenzylphthalate	20.939	149	216119	53.596	ng		99
81) Benzo(a)anthracene	21.979	228	560870	51.990	ng		99
82) 3,3'-Dichlorobenzidine	21.879	252	161133	40.503	ng		99
83) Chrysene	22.055	228	509121	49.939	ng		99
84) Bis(2-ethylhexyl)phtha...	21.820	149	311922	54.229	ng		97
85) Di-n-octyl phthalate	23.107	149	525229	55.090	ng		100
87) Indeno(1,2,3-cd)pyrene	29.539	276	619634	52.440	ng	#	94
88) Benzo(b)fluoranthene	24.382	252	558237	53.513	ng		98
89) Benzo(k)fluoranthene	24.452	252	552131	52.444	ng		99
90) Benzo(a)pyrene	25.333	252	497267	48.880	ng		99
91) Dibenzo(a,h)anthracene	29.592	278	519955	52.874	ng		98
92) Benzo(g,h,i)perylene	30.814	276	502906	52.438	ng		97

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

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