Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053600.D
Acq On : 18 May 2022 11:36
Operator : CG/JU
Sample : PB144891BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 14:04:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	21526	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	98658	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	81375	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	204147	20.000	ng	0.00
76) Chrysene-d12	21.734	240	194393	20.000	ng	0.00
86) Perylene-d12	25.018	264	192947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	176518	139.169	ng	0.00
7) Phenol-d6	7.248	99	267126	138.770	ng	0.00
23) Nitrobenzene-d5	9.245	82	187675	80.977	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	156648	130.520	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	444529	79.826	ng	0.00
79) Terphenyl-d14	20.054	244	898800	86.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	20108	30.215	ng	95
3) Pyridine	3.923	79	41205	25.353	ng	94
4) n-Nitrosodimethylamine	3.835	42	36197	45.720	ng	96
6) Aniline	7.400	93	96646	45.331	ng	99
8) 2-Chlorophenol	7.647	128	68566	51.710	ng	96
9) Benzaldehyde	7.212	77	38484	31.470	ng	93
10) Phenol	7.277	94	98939	52.553	ng	98
11) bis(2-Chloroethyl)ether	7.494	93	66212	47.156	ng	97
12) 1,3-Dichlorobenzene	7.970	146	65840	42.090	ng	94
13) 1,4-Dichlorobenzene	8.117	146	69253	43.873	ng	98
14) 1,2-Dichlorobenzene	8.434	146	68378	46.130	ng	96
15) Benzyl Alcohol	8.317	79	73724	45.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.611	45	107306	46.956	ng	96
17) 2-Methylphenol	8.528	107	66115	51.958	ng	97
18) Hexachloroethane	9.163	117	25926	43.251	ng	99
19) n-Nitroso-di-n-propyla...	8.881	70	66503	48.151	ng	99
20) 3+4-Methylphenols	8.851	107	92517	51.480	ng	98
22) Acetophenone	8.904	105	114381	42.361	ng	99
24) Nitrobenzene	9.286	77	100998	45.025	ng	98
25) Isophorone	9.809	82	178009	45.638	ng	100
26) 2-Nitrophenol	10.003	139	41514	45.694	ng	96
27) 2,4-Dimethylphenol	10.062	122	72097	52.730	ng	92
28) bis(2-Chloroethoxy)met...	10.285	93	97884	43.634	ng	99
29) 2,4-Dichlorophenol	10.543	162	80854	48.997	ng	91
30) 1,2,4-Trichlorobenzene	10.755	180	80353	42.857	ng	99
31) Naphthalene	10.943	128	221401	44.117	ng	99
32) Benzoic acid	10.226	122	28461m	35.899	ng	
33) 4-Chloroaniline	11.054	127	48347	23.004	ng	98
34) Hexachlorobutadiene	11.225	225	58195	41.858	ng	93
35) Caprolactam	11.824	113	29608m	49.374	ng	
36) 4-Chloro-3-methylphenol	12.176	107	97232	49.259	ng	98
37) 2-Methylnaphthalene	12.541	142	170014	45.395	ng	95
38) 1-Methylnaphthalene	12.758	142	160857m	44.022	ng	
40) 1,2,4,5-Tetrachloroben...	12.911	216	109927	42.856	ng	97
41) Hexachlorocyclopentadiene	12.887	237	91365	86.625	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	75389	45.026	ng	99

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44)	2,4,5-Trichlorophenol	13.234	196	83953	47.112	ng		99
46)	1,1'-Biphenyl	13.539	154	244948	44.160	ng		99
47)	2-Chloronaphthalene	13.586	162	186431	42.899	ng		99
48)	2-Nitroaniline	13.786	65	76829	47.445	ng		98
49)	Acenaphthylene	14.432	152	314457	45.345	ng		98
50)	Dimethylphthalate	14.156	163	278861	45.096	ng		99
51)	2,6-Dinitrotoluene	14.279	165	60077	47.687	ng		99
52)	Acenaphthene	14.773	154	181452	43.906	ng		98
53)	3-Nitroaniline	14.614	138	48012	35.271	ng		97
54)	2,4-Dinitrophenol	14.826	184	65632	81.909	ng		99
55)	Dibenzofuran	15.108	168	319842	43.086	ng		98
56)	4-Nitrophenol	14.937	139	88559	91.086	ng		87
57)	2,4-Dinitrotoluene	15.072	165	87414	47.869	ng		90
58)	Fluorene	15.754	166	267890	44.970	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.337	232	80324	44.426	ng		99
60)	Diethylphthalate	15.513	149	295182	46.212	ng		98
61)	4-Chlorophenyl-phenyle...	15.742	204	147009	44.225	ng		98
62)	4-Nitroaniline	15.777	138	63549	45.011	ng		99
63)	Azobenzene	16.036	77	291075	44.500	ng		98
65)	4,6-Dinitro-2-methylph...	15.842	198	53793	44.221	ng		92
66)	n-Nitrosodiphenylamine	15.954	169	244468	45.610	ng		99
67)	4-Bromophenyl-phenylether	16.635	248	104847	43.976	ng		93
68)	Hexachlorobenzene	16.764	284	119725	45.851	ng		96
69)	Atrazine	16.899	200	103845	46.022	ng		98
70)	Pentachlorophenol	17.111	266	113231	80.493	ng		94
71)	Phenanthrene	17.499	178	465234	44.818	ng		98
72)	Anthracene	17.587	178	469417	46.007	ng		99
73)	Carbazole	17.857	167	422899	42.291	ng		99
74)	Di-n-butylphthalate	18.403	149	489084	43.488	ng		99
75)	Fluoranthene	19.508	202	587369	43.700	ng		99
77)	Benzidine	19.678	184	197001	47.018	ng		99
78)	Pyrene	19.866	202	584890	46.479	ng		99
80)	Butylbenzylphthalate	20.741	149	214205	46.420	ng		100
81)	Benzo(a)anthracene	21.716	228	552457	44.557	ng		99
82)	3,3'-Dichlorobenzidine	21.622	252	155797	49.551	ng		97
83)	Chrysene	21.787	228	530567	45.817	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.605	149	308162	48.384	ng		100
85)	Di-n-octyl phthalate	22.827	149	514757	47.795	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.777	276	646746	48.127	ng	#	96
88)	Benzo(b)fluoranthene	23.972	252	585696	51.283	ng		100
89)	Benzo(k)fluoranthene	24.043	252	544466	48.514	ng		98
90)	Benzo(a)pyrene	24.865	252	553315	56.921	ng		98
91)	Dibenzo(a,h)anthracene	28.824	278	549817	49.653	ng		99
92)	Benzo(g,h,i)perylene	29.958	276	543267	49.495	ng		95

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

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