Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056970.D
Acq On : 4 Apr 2023 18:10
Operator : CG/JU
Sample : PB151693BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 05 04:09:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	14182	20.000	ng		0.00
21) Naphthalene-d8	11.256	136	54031	20.000	ng	#	0.00
39) Acenaphthene-d10	15.028	164	41787	20.000	ng		0.00
64) Phenanthrene-d10	17.765	188	108329	20.000	ng		0.00
76) Chrysene-d12	22.089	240	102084	20.000	ng		0.00
86) Perylene-d12	25.625	264	108432	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.922	112	123161	138.988	ng		0.00
7) Phenol-d6	7.544	99	177411	133.863	ng		0.00
23) Nitrobenzene-d5	9.594	82	114832	86.962	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	96023	143.842	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	264424	85.807	ng		0.00
79) Terphenyl-d14	20.332	244	598206	99.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.725	88	13854	35.665	ng	#	92
3) Pyridine	4.148	79	39511	31.580	ng		93
4) n-Nitrosodimethylamine	4.054	42	25086	43.610	ng	#	91
6) Aniline	7.720	93	54864	32.382	ng		97
8) 2-Chlorophenol	7.967	128	41424	46.932	ng		93
9) Benzaldehyde	7.538	77	30755	36.998	ng		94
10) Phenol	7.573	94	57604	43.865	ng		91
11) bis(2-Chloroethyl)ether	7.814	93	37822	40.433	ng		99
12) 1,3-Dichlorobenzene	8.301	146	45228	46.375	ng		96
13) 1,4-Dichlorobenzene	8.448	146	46074	46.809	ng		97
14) 1,2-Dichlorobenzene	8.777	146	43246	45.476	ng		96
15) Benzyl Alcohol	8.642	79	47114	42.783	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.936	45	48010m	42.586	ng		
17) 2-Methylphenol	8.842	107	39135	41.771	ng		93
18) Hexachloroethane	9.517	117	15666	43.545	ng	#	84
19) n-Nitroso-di-n-propyla...	9.218	70	37233	39.277	ng		95
20) 3+4-Methylphenols	9.171	107	51869	39.592	ng		96
22) Acetophenone	9.241	105	66811	41.555	ng	#	97
24) Nitrobenzene	9.635	77	58238	43.138	ng		98
25) Isophorone	10.158	82	99515	39.576	ng		99
26) 2-Nitrophenol	10.352	139	23095	44.320	ng		96
27) 2,4-Dimethylphenol	10.393	122	41948	45.593	ng		99
28) bis(2-Chloroethoxy)met...	10.628	93	49744	39.515	ng		94
29) 2,4-Dichlorophenol	10.886	162	44210	44.680	ng		98
30) 1,2,4-Trichlorobenzene	11.115	180	46742	44.459	ng		98
31) Naphthalene	11.303	128	123299	41.866	ng		99
32) Benzoic acid	10.510	122	27732m	43.880	ng		
33) 4-Chloroaniline	11.397	127	34101	25.638	ng		93
34) Hexachlorobutadiene	11.579	225	35331	44.737	ng		93
35) Caprolactam	12.161	113	14009m	41.054	ng		
36) 4-Chloro-3-methylphenol	12.490	107	48257	43.610	ng		97
37) 2-Methylnaphthalene	12.878	142	92698	39.659	ng		99
38) 1-Methylnaphthalene	13.095	142	85871	39.125	ng		91
40) 1,2,4,5-Tetrachloroben...	13.242	216	63685	43.949	ng	#	99
41) Hexachlorocyclopentadiene	13.218	237	92608	115.993	ng		95
43) 2,4,6-Trichlorophenol	13.465	196	40894	44.224	ng		94

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44) 2,4,5-Trichlorophenol	13.541	196	44927	41.012	ng		96
46) 1,1'-Biphenyl	13.864	154	135305	44.233	ng		96
47) 2-Chloronaphthalene	13.917	162	100505	44.425	ng		97
48) 2-Nitroaniline	14.105	65	37117	45.882	ng		92
49) Acenaphthylene	14.757	152	159651	42.950	ng		98
50) Dimethylphthalate	14.464	163	139624	42.406	ng	#	98
51) 2,6-Dinitrotoluene	14.587	165	30923	43.469	ng		98
52) Acenaphthene	15.092	154	129312m	50.441	ng		
53) 3-Nitroaniline	14.922	138	22398	31.809	ng		92
54) 2,4-Dinitrophenol	15.122	184	44261	110.539	ng	#	88
55) Dibenzofuran	15.421	168	166076	43.162	ng		99
56) 4-Nitrophenol	15.210	139	54973	105.578	ng		94
57) 2,4-Dinitrotoluene	15.374	165	44332	44.185	ng		99
58) Fluorene	16.067	166	140447	44.112	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	46489	46.610	ng	#	99
60) Diethylphthalate	15.809	149	148024	44.846	ng		99
61) 4-Chlorophenyl-phenyle...	16.044	204	80616	43.125	ng		97
62) 4-Nitroaniline	16.079	138	32524	44.581	ng		97
63) Azobenzene	16.338	77	143686	43.681	ng		97
65) 4,6-Dinitro-2-methylph...	16.132	198	32062	48.869	ng		97
66) n-Nitrosodiphenylamine	16.261	169	121595	41.814	ng		99
67) 4-Bromophenyl-phenylether	16.943	248	55792	41.624	ng		98
68) Hexachlorobenzene	17.072	284	59550	44.938	ng		95
69) Atrazine	17.195	200	57948	48.005	ng		99
70) Pentachlorophenol	17.413	266	81411	85.633	ng		97
71) Phenanthrene	17.812	178	241600	43.743	ng		99
72) Anthracene	17.900	178	249771	44.114	ng		99
73) Carbazole	18.165	167	227947	46.176	ng		98
74) Di-n-butylphthalate	18.687	149	266061	46.544	ng		99
75) Fluoranthene	19.798	202	317362	45.328	ng		97
77) Benzidine	19.962	184	166890	59.811	ng		98
78) Pyrene	20.156	202	318020	45.041	ng		99
80) Butylbenzylphthalate	21.019	149	111059	45.709	ng		97
81) Benzo(a)anthracene	22.065	228	312804	44.280	ng		99
82) 3,3'-Dichlorobenzidine	21.965	252	78556	32.932	ng		96
83) Chrysene	22.142	228	286530	43.320	ng		99
84) Bis(2-ethylhexyl)phtha...	21.918	149	156745	44.552	ng		99
85) Di-n-octyl phthalate	23.240	149	259025	43.688	ng		99
87) Indeno(1,2,3-cd)pyrene	29.714	276	352721	44.015	ng	#	96
88) Benzo(b)fluoranthene	24.497	252	326674	48.178	ng		99
89) Benzo(k)fluoranthene	24.568	252	310861	45.923	ng		99
90) Benzo(a)pyrene	25.466	252	280552	42.106	ng		98
91) Dibenzo(a,h)anthracene	29.790	278	292292	44.374	ng		97
92) Benzo(g,h,i)perylene	31.006	276	283353	43.931	ng		99

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

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