Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032885.D
Acq On : 28 Feb 2018 10:55
Operator : SJ/JU
Sample : PB106883BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Feb 28 11:33:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB106883BS

Manual Integrations APPROVED
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2/28/2018 1:01:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76075	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	336733	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	188713	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	413167	20.00	ng		0.00
75) Chrysene-d12	22.62	240	373391	20.00	ng		-0.01
86) Perylene-d12	26.43	264	397398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	454330	95.55	ng		0.00
7) Phenol-d6	8.01	99	604318	91.18	ng		0.00
23) Nitrobenzene-d5	10.12	82	331183	70.20	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	186390	93.93	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	766225	58.56	ng		0.00
78) Terphenyl-d14	20.78	244	1056500	63.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	59398	28.782	ng		88
3) Pyridine	4.43	79	166234	29.225	ng		96
4) n-Nitrosodimethylamine	4.33	42	82701	36.265	ng	#	91
6) Aniline	8.21	93	82966	9.248	ng		96
8) 2-Chlorophenol	8.47	128	178545	34.304	ng		93
9) Benzaldehyde	8.01	77	72232	18.909	ng		96
10) Phenol	8.04	94	226442	33.892	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	163405	29.909	ng		93
12) 1,3-Dichlorobenzene	8.81	146	178566	29.292	ng		97
13) 1,4-Dichlorobenzene	8.96	146	182559	29.751	ng		94
14) 1,2-Dichlorobenzene	9.29	146	171497	29.165	ng		97
15) Benzyl Alcohol	9.15	79	146541	30.075	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	273036	29.071	ng		95
17) 2-Methylphenol	9.35	107	152902	31.034	ng		95
18) Hexachloroethane	10.05	117	64988	31.105	ng	#	82
19) n-Nitroso-di-n-propylamine	9.73	70	128503	27.463	ng	#	94
20) 3+4-Methylphenols	9.68	107	208161	30.386	ng		92
22) Acetophenone	9.76	105	247799	29.139	ng	#	95
24) Nitrobenzene	10.16	77	180719	35.560	ng		91
25) Isophorone	10.69	82	356751	30.184	ng		94
26) 2-Nitrophenol	10.89	139	83511	45.190	ng		90
27) 2,4-Dimethylphenol	10.92	122	191178	37.235	ng		90
28) bis(2-Chloroethoxy)methane	11.16	93	226261	32.861	ng		97
29) 2,4-Dichlorophenol	11.43	162	161855	34.733	ng		97
30) 1,2,4-Trichlorobenzene	11.66	180	160138	29.316	ng		95
31) Naphthalene	11.86	128	530814	30.168	ng		99
32) Benzoic acid	11.01	122	102348	36.328	ng	#	86
33) 4-Chloroaniline	11.94	127	74067	9.414	ng		95
34) Hexachlorobutadiene	12.13	225	85455	27.890	ng		97
35) Caprolactam	12.68	113	62513	33.503	ng	#	88
36) 4-Chloro-3-methylphenol	13.00	107	191293	35.276	ng		94
37) 2-Methylnaphthalene	13.41	142	390568	30.681	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	161535	28.835	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	202480	70.922	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	121996	34.532	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	132857	32.493	ng		97
45) 1,1'-Biphenyl	14.37	154	484806	29.399	ng		96
46) 2-Chloronaphthalene	14.43	162	366851	29.781	ng		96
47) 2-Nitroaniline	14.62	65	119257	40.358	ng		90
48) Acenaphthylene	15.27	152	600224	29.761	ng		100
49) Dimethylphthalate	14.96	163	473930	29.577	ng		99
50) 2,6-Dinitrotoluene	15.09	165	100740	39.841	ng		89
51) Acenaphthene	15.60	154	406993	32.403	ng		97
52) 3-Nitroaniline	15.41	138	55319	21.754	ng	#	81
53) 2,4-Dinitrophenol	15.61	184	84054	94.010	ng	#	55
54) Dibenzofuran	15.93	168	560289	31.328	ng		95
55) 4-Nitrophenol	15.68	139	167601	65.301	ng		84
56) 2,4-Dinitrotoluene	15.86	165	139549	46.057	ng	#	88
57) Fluorene	16.57	166	450351	30.509	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	113808m	35.850	ng		
59) Diethylphthalate	16.30	149	500026	29.586	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	221903	30.730	ng		96
61) 4-Nitroaniline	16.57	138	100879	31.170	ng	#	81
62) Azobenzene	16.84	77	466016	30.822	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	59177	48.877	ng		98
65) n-Nitrosodiphenylamine	16.75	169	415914	30.944	ng		97
66) 4-Bromophenyl-phenylether	17.44	248	130476	29.865	ng	#	88
67) Hexachlorobenzene	17.56	284	135081	28.612	ng	#	92
68) Atrazine	17.67	200	135374	30.598	ng		95
69) Pentachlorophenol	17.90	266	175162	58.902	ng		99
70) Phenanthrene	18.30	178	711963	30.887	ng		99
71) Anthracene	18.39	178	724541	31.309	ng		99
72) Carbazole	18.65	167	666543	29.222	ng		98
73) Di-n-butylphthalate	19.15	149	840245	30.027	ng		99
74) Fluoranthene	20.26	202	775411	30.453	ng		94
76) Benzidine	20.41	184	97670	7.674	ng		99
77) Pyrene	20.61	202	790500	30.021	ng		97
79) Butylbenzylphthalate	21.48	149	387064	33.154	ng		91
80) Benzo(a)anthracene	22.60	228	743499	31.052	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	121483	13.699	ng	#	98
82) Chrysene	22.68	228	699540	30.585	ng		98
83) Bis(2-ethylhexyl)phthalate	22.43	149	548994	31.768	ng	#	97
84) Di-n-octyl phthalate	23.86	149	934232	35.467	ng		98
85) Indeno(1,2,3-cd)pyrene	30.85	276	745790	27.959	ng		98
87) Benzo(b)fluoranthene	25.21	252	740746	31.525	ng	#	97
88) Benzo(k)fluoranthene	25.28	252	724539	31.027	ng	#	95
89) Benzo(a)pyrene	26.25	252	714158	31.955	ng	#	93
90) Dibenzo(a,h)anthracene	30.93	278	610682	27.147	ng	#	95
91) Benzo(g,h,i)perylene	32.24	276	615755	27.767	ng	#	91

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

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