Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040086.D
Acq On : 22 Mar 2019 16:54
Operator : JU/SJ
Sample : PB118180BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118180BS

Quant Time: Mar 23 02:06:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45251	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	182031	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	117876	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	289973	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	317005	20.00	ng		-0.02
87) Perylene-d12	25.17	264	333554	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	169318	63.83	ng		-0.02
7) Phenol-d6	7.29	99	237474	60.04	ng		-0.02
23) Nitrobenzene-d5	9.32	82	204802	60.85	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	85687	62.37	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	502857	60.74	ng		-0.02
79) Terphenyl-d14	20.11	244	767098	53.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	29338	23.958	ng		98
3) Pyridine	3.98	79	75785	23.117	ng		95
4) n-Nitrosodimethylamine	3.90	42	43585	28.025	ng		86
6) Aniline	7.47	93	65030	12.550	ng		99
8) 2-Chlorophenol	7.71	128	89194	27.718	ng		98
9) Benzaldehyde	7.29	77	25437	9.971	ng		98
10) Phenol	7.32	94	118605	27.682	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	86898	26.014	ng		96
12) 1,3-Dichlorobenzene	8.03	146	98058	26.944	ng		97
13) 1,4-Dichlorobenzene	8.18	146	98519	26.576	ng		97
14) 1,2-Dichlorobenzene	8.50	146	96696	26.997	ng		99
15) Benzyl Alcohol	8.38	79	80020	25.506	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	165188	24.725	ng		98
17) 2-Methylphenol	8.58	107	75937	27.796	ng		95
18) Hexachloroethane	9.23	117	34911	26.246	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	66476	23.352	ng		91
20) 3+4-Methylphenols	8.91	107	104443	27.519	ng		98
22) Acetophenone	8.97	105	129900	26.588	ng	#	95
24) Nitrobenzene	9.37	77	101324	28.697	ng		98
25) Isophorone	9.87	82	189065	26.809	ng		100
26) 2-Nitrophenol	10.07	139	49065	28.781	ng		97
27) 2,4-Dimethylphenol	10.11	122	89279	33.673	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	117486	27.414	ng		98
29) 2,4-Dichlorophenol	10.61	162	91677	30.711	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	98054	29.191	ng		99
31) Naphthalene	11.02	128	277415	28.784	ng		100
32) Benzoic acid	10.25	122	38022	24.613	ng		97
33) 4-Chloroaniline	11.13	127	42001	10.277	ng		97
34) Hexachlorobutadiene	11.28	225	66757	29.083	ng		94
35) Caprolactam	11.90	113	29708	26.052	ng	#	88
36) 4-Chloro-3-methylphenol	12.23	107	97754	28.567	ng		99
37) 2-Methylnaphthalene	12.61	142	205024	28.454	ng		97
38) 1-Methylnaphthalene	12.83	142	195813	27.964	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	116067	29.065	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	158964	74.281	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	75796	32.420	ng		93
44) 2,4,5-Trichlorophenol	13.28	196	82056	31.138	ng		97
46) 1,1'-Biphenyl	13.60	154	277539	28.627	ng		98
47) 2-Chloronaphthalene	13.66	162	214637	29.428	ng		98
48) 2-Nitroaniline	13.86	65	67403	28.756	ng		95
49) Acenaphthylene	14.50	152	339615	28.365	ng		98
50) Dimethylphthalate	14.22	163	279340	28.340	ng		100
51) 2,6-Dinitrotoluene	14.35	165	61078	29.230	ng		97
52) Acenaphthene	14.84	154	205069	28.457	ng		98
53) 3-Nitroaniline	14.68	138	31706	15.095	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	63531	50.300	ng		98
55) Dibenzofuran	15.17	168	343840	29.081	ng		99
56) 4-Nitrophenol	14.98	139	105320	56.051	ng		91
57) 2,4-Dinitrotoluene	15.13	165	88583	30.170	ng	#	85
58) Fluorene	15.82	166	270981	29.154	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	81010	31.477	ng		98
60) Diethylphthalate	15.57	149	280101	28.707	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	144126	29.058	ng		98
62) 4-Nitroaniline	15.85	138	66217	29.079	ng		87
63) Azobenzene	16.09	77	252718	28.572	ng		95
65) 4,6-Dinitro-2-methylphenol	15.89	198	51351	29.951	ng		91
66) n-Nitrosodiphenylamine	16.02	169	248842	29.642	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	91203	28.099	ng		95
68) Hexachlorobenzene	16.81	284	98669	29.327	ng		93
69) Atrazine	16.96	200	100772	30.501	ng		93
70) Pentachlorophenol	17.16	266	120830	56.866	ng		97
71) Phenanthrene	17.56	178	467017	29.240	ng		100
72) Anthracene	17.65	178	475506	30.551	ng		99
73) Carbazole	17.92	167	428259	30.521	ng		98
74) Di-n-butylphthalate	18.45	149	519548	31.470	ng		99
75) Fluoranthene	19.56	202	593369	31.435	ng		98
77) Benzidine	19.74	184	145752	14.489	ng		99
78) Pyrene	19.92	202	597032	28.983	ng		99
80) Butylbenzylphthalate	20.79	149	245597	30.774	ng		95
81) Benzo(a)anthracene	21.79	228	574227	28.903	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	111994	15.440	ng		97
83) Chrysene	21.86	228	555752	28.854	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	346949	30.937	ng		99
85) Di-n-octyl phthalate	22.90	149	589809	31.763	ng		95
86) Indeno(1,2,3-cd)pyrene	29.04	276	652305	29.853	ng		98
88) Benzo(b)fluoranthene	24.09	252	573557	28.836	ng		97
89) Benzo(k)fluoranthene	24.17	252	568642	30.712	ng		99
90) Benzo(a)pyrene	25.01	252	564258	30.700	ng		97
91) Dibenzo(a,h)anthracene	29.10	278	533327	29.598	ng		98
92) Benzo(g,h,i)perylene	30.26	276	541510	29.923	ng		97

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

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