Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031947.D
Acq On : 9 Jan 2018 15:48
Operator : SJ/JU
Sample : PB105533BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105533BS

Quant Time: Jan 10 00:20:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	60970	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	255387	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	172283	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	422622	20.00	ng		-0.01
75) Chrysene-d12	22.48	240	490321	20.00	ng		-0.04
86) Perylene-d12	26.21	264	513343	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	390106	116.54	ng		0.00
7) Phenol-d6	7.89	99	495773	114.07	ng		0.00
23) Nitrobenzene-d5	9.98	82	272580	80.60	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	304088	115.68	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	955042	69.58	ng		-0.01
78) Terphenyl-d14	20.68	244	1588587	74.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	32897	26.511	ng	#	77
3) Pyridine	4.31	79	92172	27.789	ng	#	73
4) n-Nitrosodimethylamine	4.22	42	42521	31.769	ng	#	83
6) Aniline	8.08	93	48378	8.652	ng		94
8) 2-Chlorophenol	8.33	128	132264	34.063	ng		84
9) Benzaldehyde	7.88	77	22000	8.407	ng	#	75
10) Phenol	7.92	94	153016	34.873	ng		90
11) bis(2-Chloroethyl)ether	8.17	93	105736	29.016	ng	#	83
12) 1,3-Dichlorobenzene	8.67	146	146837	30.452	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	151683	30.794	ng		94
14) 1,2-Dichlorobenzene	9.15	146	142631	30.559	ng		96
15) Benzyl Alcohol	9.02	79	105558	32.354	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.31	45	109158	36.784	ng		79
17) 2-Methylphenol	9.22	107	106089	33.791	ng		95
18) Hexachloroethane	9.91	117	47352	31.740	ng	#	86
19) n-Nitroso-di-n-propylamine	9.59	70	81474	27.450	ng	#	85
20) 3+4-Methylphenols	9.55	107	144525	32.389	ng		93
22) Acetophenone	9.62	105	182874	30.821	ng	#	86
24) Nitrobenzene	10.02	77	117121	33.600	ng	#	84
25) Isophorone	10.55	82	221182	30.379	ng	#	85
26) 2-Nitrophenol	10.75	139	76016	41.593	ng	#	82
27) 2,4-Dimethylphenol	10.79	122	135582	35.255	ng		92
28) bis(2-Chloroethoxy)methane	11.03	93	146114	29.909	ng	#	93
29) 2,4-Dichlorophenol	11.29	162	156013	34.556	ng		93
30) 1,2,4-Trichlorobenzene	11.52	180	169714	30.787	ng		97
31) Naphthalene	11.72	128	397128	30.812	ng		99
32) Benzoic acid	10.88	122	73837	30.922	ng	#	81
33) 4-Chloroaniline	11.81	127	49663	8.655	ng	#	90
34) Hexachlorobutadiene	11.98	225	115811	30.601	ng		96
35) Caprolactam	12.57	113	46275	33.814	ng	#	46
36) 4-Chloro-3-methylphenol	12.88	107	139055	33.349	ng	#	79
37) 2-Methylnaphthalene	13.28	142	323408	30.953	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	227635	31.369	ng		97
40) Hexachlorocyclopentadiene	13.61	237	308617	80.617	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	142780	34.126	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	152496	32.889	ng	#	88
45) 1,1'-Biphenyl	14.25	154	461298	31.350	ng		96
46) 2-Chloronaphthalene	14.31	162	340548	30.342	ng		96
47) 2-Nitroaniline	14.49	65	73795	38.070	ng	#	61
48) Acenaphthylene	15.14	152	521014	29.016	ng		99
49) Dimethylphthalate	14.84	163	448378	29.542	ng		99
50) 2,6-Dinitrotoluene	14.97	165	101120	36.217	ng	#	66
51) Acenaphthene	15.48	154	356000	30.273	ng		99
52) 3-Nitroaniline	15.30	138	45330	16.641	ng	#	75
53) 2,4-Dinitrophenol	15.50	184	64314	56.681	ng	#	76
54) Dibenzofuran	15.81	168	539349	29.920	ng		98
55) 4-Nitrophenol	15.58	139	158659	71.561	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	143158	39.874	ng	#	63
57) Fluorene	16.45	166	437198	29.855	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	158454	35.027	ng	#	85
59) Diethylphthalate	16.19	149	422529	28.563	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	262245	29.268	ng		92
61) 4-Nitroaniline	16.45	138	83832	31.537	ng		81
62) Azobenzene	16.72	77	281170	29.638	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	58108	31.678	ng	#	66
65) n-Nitrosodiphenylamine	16.64	169	399124	28.435	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	189185	30.956	ng		95
67) Hexachlorobenzene	17.45	284	192688	30.843	ng	#	90
68) Atrazine	17.56	200	175591	32.172	ng		96
69) Pentachlorophenol	17.78	266	249289	58.013	ng		97
70) Phenanthrene	18.19	178	722103	30.192	ng		99
71) Anthracene	18.28	178	736739	30.537	ng		99
72) Carbazole	18.54	167	658738	30.848	ng		99
73) Di-n-butylphthalate	19.05	149	705473	29.728	ng		99
74) Fluoranthene	20.15	202	928673	31.645	ng		97
76) Benzidine	20.30	184	166710	11.016	ng		96
77) Pyrene	20.50	202	955562	30.509	ng		98
79) Butylbenzylphthalate	21.37	149	323634	30.781	ng	#	76
80) Benzo(a)anthracene	22.47	228	940729	30.161	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	157855	13.054	ng	#	99
82) Chrysene	22.54	228	883152	29.926	ng		98
83) Bis(2-ethylhexyl)phthalate	22.31	149	434358	28.515	ng	#	99
84) Di-n-octyl phthalate	23.70	149	728501	28.397	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.54	276	1117667	29.521	ng	#	88
87) Benzo(b)fluoranthene	25.02	252	966718	30.338	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	927247	29.077	ng	#	97
89) Benzo(a)pyrene	26.04	252	935206	30.644	ng	#	97
90) Dibenzo(a,h)anthracene	30.62	278	917415	29.107	ng		94
91) Benzo(g,h,i)perylene	30.54	276	1117667	30.034	ng	#	93

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

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