Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027845.D
Acq On : 3 Jul 2017 23:30
Operator : SJ/JU
Sample : I4007-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP5-MH2097-COMPMS

Quant Time: Jul 05 01:08:03 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	29741	20.00	ng		-0.03
21) Naphthalene-d8	11.27	136	149921	20.00	ng		-0.03
38) Acenaphthene-d10	15.04	164	100739	20.00	ng		-0.03
63) Phenanthrene-d10	17.79	188	244681	20.00	ng		-0.03
75) Chrysene-d12	22.15	240	270013	20.00	ng		-0.03
86) Perylene-d12	25.73	264	264500	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	303380	157.08	ng		-0.03
7) Phenol-d6	7.60	99	439429	148.93	ng		-0.01
23) Nitrobenzene-d5	9.62	82	259475	96.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	274896	198.95	ng		-0.02
44) 2-Fluorobiphenyl	13.66	172	716718	101.61	ng		-0.03
78) Terphenyl-d14	20.37	244	1139690	98.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.01	88	25349	35.253	ng		95
3) Pyridine	4.40	79	75672	34.177	ng		92
4) n-Nitrosodimethylamine	4.30	42	47784	44.009	ng	#	82
6) Aniline	7.79	93	95331	27.874	ng		97
8) 2-Chlorophenol	8.02	128	117805	54.585	ng		90
9) Benzaldehyde	7.60	77	40076	22.826	ng	#	79
10) Phenol	7.62	94	172159	58.976	ng		86
11) bis(2-Chloroethyl)ether	7.86	93	128281	57.854	ng		89
12) 1,3-Dichlorobenzene	8.34	146	106339	46.323	ng	#	89
13) 1,4-Dichlorobenzene	8.49	146	112961	47.490	ng		92
14) 1,2-Dichlorobenzene	8.81	146	108406	47.003	ng		91
15) Benzyl Alcohol	8.68	79	57553	28.197	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.96	45	192966	40.801	ng		99
17) 2-Methylphenol	8.88	107	105378	51.025	ng	#	86
18) Hexachloroethane	9.54	117	36696	43.858	ng		87
19) n-Nitroso-di-n-propylamine	9.25	70	90389	42.109	ng	#	97
20) 3+4-Methylphenols	9.21	107	149529	50.208	ng		91
22) Acetophenone	9.27	105	172932	47.801	ng		90
24) Nitrobenzene	9.66	77	132261	47.036	ng	#	83
25) Isophorone	10.17	82	266640	45.481	ng	#	94
26) 2-Nitrophenol	10.37	139	68164	53.667	ng	#	82
27) 2,4-Dimethylphenol	10.42	122	132956	55.889	ng		93
28) bis(2-Chloroethoxy)methane	10.64	93	145709	43.839	ng		98
29) 2,4-Dichlorophenol	10.91	162	125732	60.309	ng		94
30) 1,2,4-Trichlorobenzene	11.13	180	111833	52.596	ng		98
31) Naphthalene	11.32	128	373668	46.868	ng		99
33) 4-Chloroaniline	11.47	127	63450	18.422	ng	#	90
34) Hexachlorobutadiene	11.59	225	67298	56.804	ng		98
35) Caprolactam	12.21	113	46145m	44.006	ng		
36) 4-Chloro-3-methylphenol	12.51	107	153339	52.269	ng		88
37) 2-Methylnaphthalene	12.89	142	292428	49.244	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	143940	54.374	ng		97
40) Hexachlorocyclopentadiene	13.23	237	175031	140.236	ng		94
42) 2,4,6-Trichlorophenol	13.48	196	109250	57.141	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.56	196	117176	54.088	ng		96
45) 1,1'-Biphenyl	13.88	154	398354	49.335	ng		97
46) 2-Chloronaphthalene	13.93	162	299285	49.066	ng		97
47) 2-Nitroaniline	14.13	65	113556	46.510	ng	#	82
48) Acenaphthylene	14.77	152	510989	45.846	ng		97
49) Dimethylphthalate	14.49	163	545962	63.530	ng		97
50) 2,6-Dinitrotoluene	14.61	165	95308	51.018	ng	#	81
51) Acenaphthene	15.11	154	336365	47.086	ng		96
52) 3-Nitroaniline	14.96	138	77930	35.459	ng	#	77
53) 2,4-Dinitrophenol	15.15	184	47426	49.875	ng		93
54) Dibenzofuran	15.44	168	485091	51.355	ng		98
55) 4-Nitrophenol	15.25	139	151138	90.088	ng	#	62
56) 2,4-Dinitrotoluene	15.40	165	136750	52.482	ng	#	85
57) Fluorene	16.09	166	425794	46.491	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	107822	57.736	ng		91
59) Diethylphthalate	15.83	149	462662	48.620	ng		95
60) 4-Chlorophenyl-phenylether	16.07	204	208392	51.400	ng		96
61) 4-Nitroaniline	16.11	138	105848	46.229	ng	#	71
62) Azobenzene	16.36	77	382873	45.789	ng		92
64) 4,6-Dinitro-2-methylphenol	16.16	198	73311	48.019	ng		89
65) n-Nitrosodiphenylamine	16.29	169	388650	48.829	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	144088	56.304	ng		93
67) Hexachlorobenzene	17.09	284	154205	56.898	ng		94
68) Atrazine	17.23	200	122852	48.888	ng		96
69) Pentachlorophenol	17.44	266	168074	95.812	ng		99
70) Phenanthrene	17.84	178	679642	48.115	ng		95
71) Anthracene	17.92	178	696223	48.810	ng		97
72) Carbazole	18.19	167	616017	43.852	ng		96
73) Di-n-butylphthalate	18.72	149	754545	48.878	ng	#	93
74) Fluoranthene	19.83	202	766161	49.629	ng		95
76) Benzidine	20.01	184	316853	49.211	ng		97
77) Pyrene	20.19	202	774570	45.710	ng		95
79) Butylbenzylphthalate	21.06	149	342882	44.928	ng	#	86
80) Benzo(a)anthracene	22.13	228	757724	46.416	ng		96
81) 3,3'-Dichlorobenzidine	22.03	252	240749	40.633	ng	#	99
82) Chrysene	22.20	228	702391	45.903	ng		95
83) Bis(2-ethylhexyl)phthalate	21.97	149	494856	44.371	ng		96
84) Di-n-octyl phthalate	23.31	149	835720	45.357	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.87	276	918255	52.506	ng	#	96
87) Benzo(b)fluoranthene	24.59	252	784344	46.028	ng	#	96
88) Benzo(k)fluoranthene	24.66	252	757561	44.975	ng	#	94
89) Benzo(a)pyrene	25.57	252	747737	46.763	ng	#	95
90) Dibenzo(a,h)anthracene	29.93	278	776613	47.943	ng	#	97
91) Benzo(g,h,i)perylene	31.17	276	740032	47.536	ng	#	92

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

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