Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027761.D
Acq On : 30 Jun 2017 19:48
Operator : SJ/JU
Sample : PB100317BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100317BS

Quant Time: Jul 01 01:23:21 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	8.48	152	32779	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	165320	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	106115	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	259376	20.00	ng		0.00
75) Chrysene-d12	22.19	240	276884	20.00	ng		0.01
86) Perylene-d12	25.79	264	262180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	297183	139.61	ng		0.00
7) Phenol-d6	7.62	99	418683	128.75	ng		0.00
23) Nitrobenzene-d5	9.64	82	243527	82.11	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	203490	139.81	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	626037	84.26	ng		0.00
78) Terphenyl-d14	20.40	244	1033583	87.51	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	26057	32.88	ng		93
3) Pyridine	4.43	79	84218	34.51	ng		91
4) n-Nitrosodimethylamine	4.34	42	46934	39.22	ng		84
6) Aniline	7.80	93	91506	24.28	ng		97
8) 2-Chlorophenol	8.04	128	107452	45.17	ng		92
9) Benzaldehyde	7.62	77	46819	24.20	ng		83
10) Phenol	7.65	94	144822	45.01	ng		81
11) bis(2-Chloroethyl)ether	7.88	93	94144	38.52	ng		95
12) 1,3-Dichlorobenzene	8.37	146	104403	41.26	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	106160	40.49	ng		95
14) 1,2-Dichlorobenzene	8.84	146	103981	40.91	ng		94
15) Benzyl Alcohol	8.71	79	90499	40.23	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	207734	39.85	ng		97
17) 2-Methylphenol	8.90	107	96569	42.43	ng	#	86
18) Hexachloroethane	9.56	117	38381	41.62	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	85722	36.23	ng		92
20) 3+4-Methylphenols	9.22	107	133139	40.56	ng		88
22) Acetophenone	9.29	105	155698	39.03	ng	#	91
24) Nitrobenzene	9.69	77	121336	39.13	ng	#	85
25) Isophorone	10.20	82	237111	36.68	ng	#	94
26) 2-Nitrophenol	10.40	139	58997	42.12	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	116529	44.42	ng		91
28) bis(2-Chloroethoxy)methane	10.68	93	136748	37.31	ng	#	98
29) 2,4-Dichlorophenol	10.93	162	104004	45.24	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	98304	41.93	ng		95
31) Naphthalene	11.35	128	343968	39.12	ng		98
32) Benzoic acid	10.56	122	51021	34.81	ng	#	83
33) 4-Chloroaniline	11.46	127	23538	6.20	ng		91
34) Hexachlorobutadiene	11.62	225	56518	43.26	ng		98
35) Caprolactam	12.22	113	44317m	38.33	ng		
36) 4-Chloro-3-methylphenol	12.53	107	136501	42.20	ng		93
37) 2-Methylnaphthalene	12.92	142	257565m	39.33	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	115277	41.34	ng		98
40) Hexachlorocyclopentadiene	13.25	237	150916	114.79	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	87666	43.53	ng		92
43) 2,4,5-Trichlorophenol	13.58	196	98724	43.26	ng		96
45) 1,1'-Biphenyl	13.91	154	343165	40.35	ng		98
46) 2-Chloronaphthalene	13.96	162	258410	40.22	ng		98
47) 2-Nitroaniline	14.15	65	104815	40.75	ng	#	87
48) Acenaphthylene	14.80	152	446563	38.04	ng		98
49) Dimethylphthalate	14.51	163	365632	40.39	ng		98
50) 2,6-Dinitrotoluene	14.64	165	80988	41.16	ng	#	76
51) Acenaphthene	15.13	154	280272	37.25	ng		94
52) 3-Nitroaniline	14.97	138	35203	15.21	ng	#	82
53) 2,4-Dinitrophenol	15.18	184	91295	84.05	ng		90
54) Dibenzofuran	15.47	168	423276	42.54	ng		96
55) 4-Nitrophenol	15.26	139	151354	85.65	ng	#	62
56) 2,4-Dinitrotoluene	15.42	165	118338	43.12	ng	#	88
57) Fluorene	16.12	166	372377	38.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	92887m	47.22	ng		
59) Diethylphthalate	15.86	149	409558	40.86	ng		94
60) 4-Chlorophenyl-phenylether	16.09	204	174688	40.90	ng		93
61) 4-Nitroaniline	16.13	138	96693	40.09	ng	#	68
62) Azobenzene	16.39	77	378583	42.98	ng		94
64) 4,6-Dinitro-2-methylphenol	16.19	198	64775	41.02	ng		80
65) n-Nitrosodiphenylamine	16.31	169	339973	40.29	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	117671	43.38	ng	#	92
67) Hexachlorobenzene	17.12	284	121617	42.33	ng		97
68) Atrazine	17.25	200	119894	45.01	ng		96
69) Pentachlorophenol	17.47	266	145693	79.47	ng		97
70) Phenanthrene	17.87	178	613825	40.99	ng		94
71) Anthracene	17.95	178	612464	40.51	ng		97
72) Carbazole	18.22	167	554533	37.24	ng		96
73) Di-n-butylphthalate	18.74	149	704236	43.03	ng	#	93
74) Fluoranthene	19.86	202	681096	41.62	ng		93
76) Benzidine	20.02	184	287180	43.87	ng		97
77) Pyrene	20.22	202	696252	40.07	ng		96
79) Butylbenzylphthalate	21.09	149	328934	42.03	ng	#	89
80) Benzo(a)anthracene	22.16	228	677827	40.49	ng		94
81) 3,3'-Dichlorobenzidine	22.06	252	122058	20.09	ng	#	99
82) Chrysene	22.24	228	625248	39.85	ng		94
83) Bis(2-ethylhexyl)phthalate	22.01	149	468496	40.96	ng	#	96
84) Di-n-octyl phthalate	23.35	149	797475	42.21	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	770361	42.96	ng	#	88
87) Benzo(b)fluoranthene	24.64	252	668254	39.56	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	666172	39.90	ng	#	93
89) Benzo(a)pyrene	25.63	252	640067	40.38	ng	#	94
90) Dibenzo(a,h)anthracene	30.03	278	657168	40.93	ng	#	94
91) Benzo(g,h,i)perylene	31.28	276	623364	40.40	ng	#	89

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

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