Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032081.D
Acq On : 16 Jan 2018 22:23
Operator : SJ/JU
Sample : PB105700BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105700BS

Quant Time: Jan 17 00:58:44 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	45184	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	184287	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	131239	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	350217	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	426095	20.00	ng		-0.01
86) Perylene-d12	26.18	264	461755	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	351539	142.29	ng		0.00
7) Phenol-d6	7.88	99	441465	141.88	ng		0.00
23) Nitrobenzene-d5	9.97	82	255005	93.62	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	309890	142.69	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	904737	85.48	ng		0.00
78) Terphenyl-d14	20.66	244	1758564	91.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	32774	34.531	ng	#	75
3) Pyridine	4.29	79	89712	35.411	ng	#	81
4) n-Nitrosodimethylamine	4.20	42	47310	53.155	ng	#	86
6) Aniline	8.06	93	95560	24.349	ng		93
8) 2-Chlorophenol	8.31	128	130272	47.123	ng		83
9) Benzaldehyde	7.86	77	16508	9.157	ng	#	80
10) Phenol	7.90	94	145174	47.365	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	102404	41.703	ng	#	83
12) 1,3-Dichlorobenzene	8.65	146	148449	41.029	ng	#	95
13) 1,4-Dichlorobenzene	8.80	146	148547	40.776	ng		93
14) 1,2-Dichlorobenzene	9.13	146	142147	40.342	ng		97
15) Benzyl Alcohol	9.00	79	109106	48.270	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.29	45	105113	42.121	ng		80
17) 2-Methylphenol	9.20	107	102272	43.662	ng		96
18) Hexachloroethane	9.89	117	47537	42.459	ng	#	84
19) n-Nitroso-di-n-propylamine	9.58	70	82649	42.812	ng	#	84
20) 3+4-Methylphenols	9.53	107	142146	43.805	ng		97
22) Acetophenone	9.61	105	182648	43.632	ng	#	89
24) Nitrobenzene	10.01	77	121913	44.869	ng	#	85
25) Isophorone	10.53	82	231062	45.555	ng	#	86
26) 2-Nitrophenol	10.73	139	75680	47.007	ng	#	81
27) 2,4-Dimethylphenol	10.77	122	131750	51.569	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	141446	46.286	ng	#	97
29) 2,4-Dichlorophenol	11.28	162	159835	50.844	ng		89
30) 1,2,4-Trichlorobenzene	11.50	180	171728	42.298	ng		99
31) Naphthalene	11.70	128	384370	42.104	ng		97
32) Benzoic acid	10.88	122	77129	38.769	ng	#	81
33) 4-Chloroaniline	11.79	127	95222	24.324	ng	#	91
34) Hexachlorobutadiene	11.97	225	123069	42.204	ng		96
35) Caprolactam	12.55	113	50365	52.810	ng	#	57
36) 4-Chloro-3-methylphenol	12.86	107	144999	50.391	ng	#	80
37) 2-Methylnaphthalene	13.26	142	323348	44.613	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	247272	43.224	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	315569	97.939	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	154985	48.217	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	167867	45.118	ng	#	93
45) 1,1'-Biphenyl	14.24	154	472732	42.018	ng		94
46) 2-Chloronaphthalene	14.29	162	360263	41.162	ng		97
47) 2-Nitroaniline	14.48	65	84091	50.187	ng	#	75
48) Acenaphthylene	15.13	152	542425	40.698	ng		99
49) Dimethylphthalate	14.83	163	487186	42.421	ng		99
50) 2,6-Dinitrotoluene	14.96	165	109345	45.870	ng	#	71
51) Acenaphthene	15.47	154	398982	45.271	ng		96
52) 3-Nitroaniline	15.28	138	64733	30.066	ng	#	81
53) 2,4-Dinitrophenol	15.48	184	100811	83.930	ng	#	75
54) Dibenzofuran	15.79	168	578245	43.983	ng		99
55) 4-Nitrophenol	15.57	139	164916	105.107	ng	#	79
56) 2,4-Dinitrotoluene	15.73	165	159151	49.590	ng	#	68
57) Fluorene	16.44	166	467142	43.324	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	182292	52.963	ng	#	85
59) Diethylphthalate	16.17	149	487072	43.748	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	293705	44.404	ng		91
61) 4-Nitroaniline	16.44	138	96318	46.637	ng		90
62) Azobenzene	16.71	77	312386	44.827	ng		87
64) 4,6-Dinitro-2-methylphenol	16.49	198	89568	40.775	ng	#	65
65) n-Nitrosodiphenylamine	16.62	169	439635	41.369	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	214090	42.964	ng		95
67) Hexachlorobenzene	17.44	284	217865	39.519	ng	#	89
68) Atrazine	17.55	200	206715	46.254	ng		96
69) Pentachlorophenol	17.77	266	299830	85.088	ng		98
70) Phenanthrene	18.18	178	823387	42.228	ng		99
71) Anthracene	18.26	178	848270	43.618	ng		99
72) Carbazole	18.52	167	729284	43.228	ng		100
73) Di-n-butylphthalate	19.03	149	847308	42.503	ng		99
74) Fluoranthene	20.13	202	1096455	44.912	ng		95
76) Benzidine	20.29	184	397754	37.330	ng		98
77) Pyrene	20.49	202	1114105	41.593	ng		98
79) Butylbenzylphthalate	21.35	149	391956	40.841	ng	#	75
80) Benzo(a)anthracene	22.45	228	1146032	43.248	ng		98
81) 3,3'-Dichlorobenzidine	22.34	252	292476	29.546	ng	#	95
82) Chrysene	22.52	228	1091646	42.896	ng		97
83) Bis(2-ethylhexyl)phthalate	22.29	149	550224	39.097	ng	#	95
84) Di-n-octyl phthalate	23.67	149	961278	43.007	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1380022	44.311	ng	#	87
87) Benzo(b)fluoranthene	24.99	252	1231079	44.108	ng	#	95
88) Benzo(k)fluoranthene	25.07	252	1176265	43.129	ng	#	97
89) Benzo(a)pyrene	26.01	252	1175677	44.529	ng	#	97
90) Dibenzo(a,h)anthracene	30.57	278	1138920	44.765	ng	#	96
91) Benzo(g,h,i)perylene	31.85	276	1172905	45.104	ng	#	92

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

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