Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
Data File : BG027850.D
Acq On : 5 Jul 2017 16:33
Operator : SJ/JU
Sample : PB100411BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100411BS

Quant Time: Jul 06 07:04:53 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	8.46	152	33837	20.00	ng		-0.02
21) Naphthalene-d8	11.27	136	160859	20.00	ng		-0.02
38) Acenaphthene-d10	15.04	164	106291	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	255369	20.00	ng		-0.02
75) Chrysene-d12	22.14	240	280335	20.00	ng		-0.03
86) Perylene-d12	25.73	264	275858	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	269794	122.78	ng		-0.02
7) Phenol-d6	7.60	99	376063	112.03	ng		-0.02
23) Nitrobenzene-d5	9.62	82	218134	75.59	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	228146	156.49	ng		-0.02
44) 2-Fluorobiphenyl	13.67	172	612520	82.30	ng		-0.02
78) Terphenyl-d14	20.36	244	1037075	86.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.01	88	21616	26.422	ng		90
3) Pyridine	4.40	79	65924	26.170	ng		94
4) n-Nitrosodimethylamine	4.31	42	41113	33.281	ng		88
6) Aniline	7.78	93	109669	28.184	ng		95
8) 2-Chlorophenol	8.02	128	99943	40.703	ng		89
9) Benzaldehyde	7.60	77	32307	16.174	ng		86
10) Phenol	7.63	94	131522	39.601	ng		83
11) bis(2-Chloroethyl)ether	7.86	93	95657	37.918	ng		93
12) 1,3-Dichlorobenzene	8.34	146	96834	37.076	ng	#	92
13) 1,4-Dichlorobenzene	8.48	146	98261	36.309	ng		95
14) 1,2-Dichlorobenzene	8.81	146	97298	37.080	ng		92
15) Benzyl Alcohol	8.68	79	56305	24.247	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.96	45	169415	31.485	ng		99
17) 2-Methylphenol	8.88	107	91530	38.955	ng	#	87
18) Hexachloroethane	9.54	117	32891	34.552	ng		89
19) n-Nitroso-di-n-propylamine	9.24	70	75228	30.804	ng	#	98
20) 3+4-Methylphenols	9.20	107	128816	38.017	ng		89
22) Acetophenone	9.27	105	145614	37.513	ng	#	89
24) Nitrobenzene	9.66	77	111551	36.973	ng	#	82
25) Isophorone	10.18	82	216767	34.460	ng	#	94
26) 2-Nitrophenol	10.37	139	55120	40.446	ng	#	82
27) 2,4-Dimethylphenol	10.41	122	110829	43.420	ng		93
28) bis(2-Chloroethoxy)methane	10.65	93	121244	33.998	ng	#	96
29) 2,4-Dichlorophenol	10.91	162	104506	46.719	ng		95
30) 1,2,4-Trichlorobenzene	11.12	180	94752	41.533	ng		95
31) Naphthalene	11.32	128	317367	37.100	ng		99
32) Benzoic acid	10.53	122	45591m	32.690	ng		
33) 4-Chloroaniline	11.45	127	27171	7.352	ng	#	90
34) Hexachlorobutadiene	11.59	225	58304	45.866	ng		95
35) Caprolactam	12.20	113	39911m	35.473	ng		
36) 4-Chloro-3-methylphenol	12.51	107	122909	39.048	ng	#	90
37) 2-Methylnaphthalene	12.89	142	248329	38.975	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	120290	43.067	ng		98
40) Hexachlorocyclopentadiene	13.23	237	154109	117.024	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	87043	43.148	ng		93
43) 2,4,5-Trichlorophenol	13.56	196	95001	41.562	ng		96
45) 1,1'-Biphenyl	13.88	154	330751	38.823	ng		96
46) 2-Chloronaphthalene	13.93	162	249922	38.833	ng		98
47) 2-Nitroaniline	14.12	65	94127	36.538	ng	#	85
48) Acenaphthylene	14.77	152	432167	36.749	ng		97
49) Dimethylphthalate	14.48	163	365047	40.259	ng		97
50) 2,6-Dinitrotoluene	14.61	165	78309	39.729	ng		84
51) Acenaphthene	15.11	154	262706	34.854	ng		98
52) 3-Nitroaniline	14.95	138	58059	25.038	ng		82
53) 2,4-Dinitrophenol	15.15	184	97548	89.085	ng		94
54) Dibenzofuran	15.44	168	414772	41.617	ng		97
55) 4-Nitrophenol	15.25	139	132622	74.922	ng	#	63
56) 2,4-Dinitrotoluene	15.39	165	114150	41.520	ng	#	88
57) Fluorene	16.09	166	364065	37.675	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	94388	47.902	ng		93
59) Diethylphthalate	15.83	149	394842	39.326	ng		97
60) 4-Chlorophenyl-phenylether	16.06	204	178214	41.660	ng		96
61) 4-Nitroaniline	16.11	138	91593	37.914	ng	#	70
62) Azobenzene	16.36	77	330310	37.439	ng		94
64) 4,6-Dinitro-2-methylphenol	16.16	198	67668	43.160	ng		90
65) n-Nitrosodiphenylamine	16.28	169	333130	40.102	ng		96
66) 4-Bromophenyl-phenylether	16.96	248	123222	46.135	ng		95
67) Hexachlorobenzene	17.09	284	130702	46.207	ng		93
68) Atrazine	17.22	200	115955	44.212	ng		96
69) Pentachlorophenol	17.44	266	156637	86.215	ng		98
70) Phenanthrene	17.83	178	594494	40.325	ng		94
71) Anthracene	17.93	178	600767	40.355	ng		97
72) Carbazole	18.20	167	529698	36.129	ng		94
73) Di-n-butylphthalate	18.71	149	660700	41.008	ng	#	94
74) Fluoranthene	19.82	202	669574	41.557	ng		95
76) Benzidine	20.00	184	355766	52.958	ng		97
77) Pyrene	20.19	202	688388	39.129	ng		95
79) Butylbenzylphthalate	21.06	149	295382	37.279	ng		85
80) Benzo(a)anthracene	22.12	228	669947	39.528	ng		95
81) 3,3'-Dichlorobenzidine	22.02	252	162331	26.389	ng	#	95
82) Chrysene	22.20	228	625251	39.358	ng		95
83) Bis(2-ethylhexyl)phthalate	21.97	149	424261	36.640	ng		97
84) Di-n-octyl phthalate	23.30	149	717253	37.494	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.86	276	794785	43.773	ng	#	50
87) Benzo(b)fluoranthene	24.58	252	684545	38.517	ng	#	97
88) Benzo(k)fluoranthene	24.65	252	666053	37.914	ng	#	94
89) Benzo(a)pyrene	25.56	252	652002	39.097	ng	#	95
90) Dibenzo(a,h)anthracene	29.92	278	679220	40.204	ng	#	96
91) Benzo(g,h,i)perylene	31.16	276	647179	39.860	ng	#	94

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

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