Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027838.D
Acq On : 3 Jul 2017 18:54
Operator : SJ/JU
Sample : PB100333BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100333BS

Quant Time: Jul 04 07:18:50 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	28723	20.00	ng		-0.02
21) Naphthalene-d8	11.27	136	141113	20.00	ng		-0.02
38) Acenaphthene-d10	15.05	164	95293	20.00	ng		-0.02
63) Phenanthrene-d10	17.79	188	245124	20.00	ng		-0.02
75) Chrysene-d12	22.15	240	261443	20.00	ng		-0.02
86) Perylene-d12	25.73	264	255507	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	253581	135.95	ng		-0.02
7) Phenol-d6	7.60	99	356256	125.02	ng		-0.01
23) Nitrobenzene-d5	9.62	82	209212	82.64	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	227242	173.86	ng		-0.02
44) 2-Fluorobiphenyl	13.66	172	598395	89.68	ng		-0.02
78) Terphenyl-d14	20.37	244	1060905	95.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.01	88	20672	29.767	ng		90
3) Pyridine	4.41	79	36175	16.917	ng		95
4) n-Nitrosodimethylamine	4.31	42	38741	36.945	ng		88
6) Aniline	7.86	93	87879	26.606	ng	#	57
8) 2-Chlorophenol	8.02	128	93289	44.758	ng		87
9) Benzaldehyde	7.60	77	31049	18.312	ng		80
10) Phenol	7.62	94	119935	42.542	ng		86
11) bis(2-Chloroethyl)ether	7.86	93	87879	41.037	ng		98
12) 1,3-Dichlorobenzene	8.34	146	89774	40.493	ng	#	92
13) 1,4-Dichlorobenzene	8.49	146	93986	40.913	ng		90
14) 1,2-Dichlorobenzene	8.81	146	92069	41.335	ng		93
15) Benzyl Alcohol	8.69	79	16441	8.341	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.96	45	159624	34.947	ng		98
17) 2-Methylphenol	8.88	107	86192	43.214	ng	#	86
18) Hexachloroethane	9.54	117	31617	39.127	ng		86
19) n-Nitroso-di-n-propylamine	9.25	70	72614	35.027	ng	#	94
20) 3+4-Methylphenols	9.21	107	119067	41.397	ng		91
22) Acetophenone	9.27	105	137782	40.462	ng	#	88
24) Nitrobenzene	9.66	77	103505	39.107	ng	#	83
25) Isophorone	10.17	82	207828	37.662	ng	#	93
26) 2-Nitrophenol	10.37	139	52323	43.766	ng	#	81
27) 2,4-Dimethylphenol	10.42	122	102273	45.675	ng		93
28) bis(2-Chloroethoxy)methane	10.65	93	113969	36.429	ng	#	98
29) 2,4-Dichlorophenol	10.91	162	100117	51.020	ng		96
30) 1,2,4-Trichlorobenzene	11.13	180	89776	44.858	ng		98
31) Naphthalene	11.32	128	298491	39.776	ng		99
32) Benzoic acid	10.53	122	41620	33.658	ng	#	78
33) 4-Chloroaniline	11.60	127	46763m	14.424	ng		
34) Hexachlorobutadiene	11.59	225	54202	48.606	ng		95
35) Caprolactam	12.21	113	41835m	42.386	ng		
36) 4-Chloro-3-methylphenol	12.51	107	121653	44.057	ng	#	87
37) 2-Methylnaphthalene	12.89	142	234956	42.036	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	112335	44.860	ng		98
40) Hexachlorocyclopentadiene	13.22	237	150193	127.213	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.48	196	88960	49.188	ng		92
43) 2,4,5-Trichlorophenol	13.57	196	96293	46.989	ng		93
45) 1,1'-Biphenyl	13.88	154	318478	41.697	ng		99
46) 2-Chloronaphthalene	13.93	162	241301	41.820	ng		97
47) 2-Nitroaniline	14.13	65	95677	41.427	ng	#	84
48) Acenaphthylene	14.77	152	420848	39.916	ng		97
49) Dimethylphthalate	14.48	163	364963	44.896	ng		97
50) 2,6-Dinitrotoluene	14.61	165	76975	43.559	ng	#	83
51) Acenaphthene	15.11	154	259245	38.364	ng		94
52) 3-Nitroaniline	14.96	138	63890	30.732	ng		81
53) 2,4-Dinitrophenol	15.15	184	100682	101.262	ng		96
54) Dibenzofuran	15.44	168	404436	45.263	ng		98
55) 4-Nitrophenol	15.25	139	130192	82.038	ng	#	63
56) 2,4-Dinitrotoluene	15.40	165	115732	46.954	ng	#	86
57) Fluorene	16.09	166	358093	41.334	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	91215	51.635	ng		94
59) Diethylphthalate	15.83	149	400584	44.502	ng		96
60) 4-Chlorophenyl-phenylether	16.07	204	176480	46.016	ng		96
61) 4-Nitroaniline	16.11	138	86917	40.131	ng	#	72
62) Azobenzene	16.36	77	327479	41.402	ng		92
64) 4,6-Dinitro-2-methylphenol	16.16	198	69664	45.856	ng		86
65) n-Nitrosodiphenylamine	16.29	169	327322	41.049	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	121572	47.419	ng		95
67) Hexachlorobenzene	17.10	284	129652	47.752	ng		91
68) Atrazine	17.23	200	96909	38.495	ng		97
69) Pentachlorophenol	17.44	266	156925	89.714	ng		98
70) Phenanthrene	17.84	178	600302	42.421	ng		95
71) Anthracene	17.92	178	605748	42.390	ng		97
72) Carbazole	18.19	167	531865	37.793	ng		96
73) Di-n-butylphthalate	18.72	149	674815	43.634	ng	#	93
74) Fluoranthene	19.83	202	688804	44.538	ng		95
76) Benzidine	20.03	184	48368	10.468	ng		94
77) Pyrene	20.19	202	694897	42.353	ng		95
79) Butylbenzylphthalate	21.06	149	295896	40.042	ng		89
80) Benzo(a)anthracene	22.13	228	665940	42.131	ng		93
81) 3,3'-Dichlorobenzidine	22.03	252	196114	34.185	ng		96
82) Chrysene	22.20	228	618600	41.753	ng		94
83) Bis(2-ethylhexyl)phthalate	21.98	149	426219	39.469	ng		96
84) Di-n-octyl phthalate	23.31	149	719595	40.335	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.88	276	792799	46.819	ng	#	91
87) Benzo(b)fluoranthene	24.59	252	671117	40.770	ng	#	95
88) Benzo(k)fluoranthene	24.66	252	664644	40.847	ng	#	95
89) Benzo(a)pyrene	25.57	252	645292	41.777	ng	#	96
90) Dibenzo(a,h)anthracene	29.93	278	668468	42.719	ng	#	96
91) Benzo(g,h,i)perylene	31.16	276	632532	42.061	ng	#	91

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

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