Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
Data File : BG015899.D
Acq On : 20 Jan 2015 19:52
Operator : TP/IZ
Sample : PB81364BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB81364BS

Quant Time: Jan 21 12:53:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	97366	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	403758	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	374408	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	958104	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1381431	20.00	ng		0.00
86) Perylene-d12	23.52	264	1318158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	846469	129.46	ng		0.00
7) Phenol-d6	6.88	99	1348568	127.99	ng		0.00
23) Nitrobenzene-d5	8.84	82	1099034	78.46	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	823790	120.19	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1887652	79.10	ng		0.00
78) Terphenyl-d14	19.71	244	3808878	75.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	98186	29.16	ng	#	73
3) Pyridine	3.59	79	350601	30.88	ng	#	92
4) n-Nitrosodimethylamine	3.51	42	154374	35.20	ng		100
6) Aniline	7.02	93	293320	19.33	ng		96
8) 2-Chlorophenol	7.26	128	243890	38.87	ng		95
9) Benzaldehyde	6.84	77	162122	16.88	ng		88
10) Phenol	6.90	94	488256	40.66	ng		93
11) bis(2-Chloroethyl)ether	7.12	93	334552	36.05	ng		96
12) 1,3-Dichlorobenzene	7.58	146	277566	37.39	ng		98
13) 1,4-Dichlorobenzene	7.73	146	284353	37.09	ng		94
14) 1,2-Dichlorobenzene	8.04	146	262233	34.91	ng		94
15) Benzyl Alcohol	7.93	79	480004	41.64	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.23	45	300079	40.01	ng		86
17) 2-Methylphenol	8.14	107	277524	37.30	ng		96
18) Hexachloroethane	8.76	117	138400	35.12	ng		93
19) n-Nitroso-di-n-propylamine	8.50	70	397222	37.79	ng	#	91
20) 3+4-Methylphenols	8.47	107	393844	40.38	ng		92
22) Acetophenone	8.51	105	501029	37.03	ng		98
24) Nitrobenzene	8.89	77	588848	39.97	ng		99
25) Isophorone	9.41	82	962852	38.88	ng		98
26) 2-Nitrophenol	9.59	139	141882	38.89	ng		87
27) 2,4-Dimethylphenol	9.66	122	287923	41.24	ng		97
28) bis(2-Chloroethoxy)methane	9.90	93	467165	38.96	ng		93
29) 2,4-Dichlorophenol	10.13	162	302951	41.55	ng		96
30) 1,2,4-Trichlorobenzene	10.34	180	343774	38.89	ng		95
31) Naphthalene	10.53	128	780191	37.75	ng		100
32) Benzoic acid	9.81	122	104193	46.66	ng	#	90
33) 4-Chloroaniline	10.64	127	84934	8.82	ng	#	87
34) Hexachlorobutadiene	10.81	225	323423	37.40	ng		92
35) Caprolactam	11.41	113	138024m	38.53	ng		
36) 4-Chloro-3-methylphenol	11.78	107	445928	41.59	ng		96
37) 2-Methylnaphthalene	12.14	142	614373	37.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	518427	36.31	ng		99
40) Hexachlorocyclopentadiene	12.49	237	787775	73.22	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	340632	40.73	ng		94
43) 2,4,5-Trichlorophenol	12.83	196	356338	37.69	ng		98
45) 1,1'-Biphenyl	13.16	154	874404	37.00	ng		93
46) 2-Chloronaphthalene	13.20	162	735617	36.86	ng		96
47) 2-Nitroaniline	13.42	65	398187	39.11	ng		99
48) Acenaphthylene	14.06	152	1175384	38.79	ng		98
49) Dimethylphthalate	13.80	163	1028888	38.19	ng	#	96
50) 2,6-Dinitrotoluene	13.92	165	239453	39.37	ng		95
51) Acenaphthene	14.40	154	707528	37.17	ng		99
52) 3-Nitroaniline	14.24	138	106920	18.69	ng		94
53) 2,4-Dinitrophenol	14.46	184	330581	73.55	ng		91
54) Dibenzofuran	14.73	168	1180035	37.56	ng	#	93
55) 4-Nitrophenol	14.57	139	344560	87.52	ng		91
56) 2,4-Dinitrotoluene	14.71	165	367854	41.33	ng		94
57) Fluorene	15.38	166	1103784	38.95	ng		89
58) 2,3,4,6-Tetrachlorophenol	14.97	232	416513m	39.78	ng		
59) Diethylphthalate	15.16	149	1099054	39.95	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	729541	38.71	ng		96
61) 4-Nitroaniline	15.41	138	238651	39.32	ng	#	82
62) Azobenzene	15.67	77	1767487	39.69	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	286641	41.46	ng		92
65) n-Nitrosodiphenylamine	15.60	169	1057443	38.69	ng		94
66) 4-Bromophenyl-phenylether	16.27	248	565050	40.39	ng		91
67) Hexachlorobenzene	16.39	284	599440	39.63	ng		99
68) Atrazine	16.55	200	538368	40.92	ng		89
69) Pentachlorophenol	16.74	266	656673	78.50	ng		98
70) Phenanthrene	17.12	178	1898345	39.49	ng		98
71) Anthracene	17.21	178	1894610	40.17	ng		99
72) Carbazole	17.49	167	1710717	41.14	ng		98
73) Di-n-butylphthalate	18.05	149	1989846	41.58	ng		98
74) Fluoranthene	19.14	202	2573779	40.10	ng		98
76) Benzidine	19.33	184	484159	15.62	ng		98
77) Pyrene	19.51	202	2596549	39.55	ng		97
79) Butylbenzylphthalate	20.41	149	1010259	41.97	ng		97
80) Benzo(a)anthracene	21.25	228	2803988	38.60	ng		95
81) 3,3'-Dichlorobenzidine	21.19	252	567489	18.38	ng	#	96
82) Chrysene	21.31	228	2657039	38.52	ng		98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1389880	42.95	ng		99
84) Di-n-octyl phthalate	22.06	149	2139539	42.73	ng		100
85) Indeno(1,2,3-cd)pyrene	25.82	276	3398697	41.96	ng		98
87) Benzo(b)fluoranthene	22.85	252	2964430	39.40	ng	#	98
88) Benzo(k)fluoranthene	22.89	252	2850134m	39.13	ng		
89) Benzo(a)pyrene	23.42	252	2927111	40.43	ng		99
90) Dibenzo(a,h)anthracene	25.83	278	2938632	42.76	ng	#	98
91) Benzo(g,h,i)perylene	26.52	276	2853722	42.56	ng	#	93

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

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