Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024012.D
Acq On : 17 Sep 2016 3:02
Operator : UM/SJ
Sample : H4790-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-70-091416MSD

Quant Time: Sep 17 04:53:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 04:50:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47662	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	230032	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	200218	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	439903	20.00	ng		0.00
75) Chrysene-d12	21.80	240	473841	20.00	ng		0.00
86) Perylene-d12	25.14	264	467440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	396290	145.98	ng		0.00
7) Phenol-d6	7.23	99	578291	138.38	ng		0.00
23) Nitrobenzene-d5	9.24	82	504328	97.88	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	357599	99.13	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1009780	72.31	ng		0.00
78) Terphenyl-d14	20.10	244	1688649	81.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	47473	42.40	ng	#	86
3) Pyridine	3.88	79	135507	40.27	ng		92
4) n-Nitrosodimethylamine	3.78	42	95950	54.10	ng	#	85
6) Aniline	7.38	93	96666	17.43	ng		96
8) 2-Chlorophenol	7.62	128	157087	49.95	ng		96
9) Benzaldehyde	7.20	77	14291	4.81	ng	#	83
10) Phenol	7.25	94	216021	49.14	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	172247	49.80	ng	#	82
12) 1,3-Dichlorobenzene	7.94	146	157197	42.71	ng		98
13) 1,4-Dichlorobenzene	8.09	146	162704	41.72	ng		97
14) 1,2-Dichlorobenzene	8.41	146	155403	42.46	ng		97
15) Benzyl Alcohol	8.31	79	228428	62.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	221435	47.76	ng		94
17) 2-Methylphenol	8.51	107	159899	53.99	ng		96
18) Hexachloroethane	9.14	117	66606	44.36	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	193163	52.32	ng		92
20) 3+4-Methylphenols	8.86	107	216300	52.40	ng		95
22) Acetophenone	8.89	105	271621	45.61	ng	#	96
24) Nitrobenzene	9.28	77	285319	51.49	ng		98
25) Isophorone	9.80	82	519672	52.01	ng		99
26) 2-Nitrophenol	9.99	139	101985	48.42	ng		95
27) 2,4-Dimethylphenol	10.06	122	177263	49.52	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	265213	52.57	ng		97
29) 2,4-Dichlorophenol	10.55	162	198767	52.41	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	193388	46.49	ng		94
31) Naphthalene	10.93	128	596024	50.29	ng		99
32) Benzoic acid	10.23	122	89815	30.89	ng		98
33) 4-Chloroaniline	11.08	127	25571	5.17	ng	#	90
34) Hexachlorobutadiene	11.21	225	142970	45.76	ng		94
35) Caprolactam	11.86	113	60000m	44.89	ng		
36) 4-Chloro-3-methylphenol	12.20	107	254970	50.31	ng		96
37) 2-Methylnaphthalene	12.54	142	441768	48.99	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	239028	35.97	ng		96
40) Hexachlorocyclopentadiene	12.89	237	298669	75.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	182736	41.20	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	195020	43.50	ng		94
45) 1,1'-Biphenyl	13.55	154	553150	34.35	ng		94
46) 2-Chloronaphthalene	13.60	162	491777	41.60	ng		96
47) 2-Nitroaniline	13.82	65	223185	47.92	ng		96
48) Acenaphthylene	14.45	152	783538	39.76	ng		99
49) Dimethylphthalate	14.18	163	712310	41.49	ng		99
50) 2,6-Dinitrotoluene	14.31	165	157128	43.36	ng		96
51) Acenaphthene	14.79	154	508499	41.74	ng		100
52) 3-Nitroaniline	14.66	138	23534	6.94	ng	#	73
53) 2,4-Dinitrophenol	14.86	184	188797	71.97	ng		93
54) Dibenzofuran	15.13	168	838605	44.10	ng		98
55) 4-Nitrophenol	14.99	139	188300	69.81	ng		85
56) 2,4-Dinitrotoluene	15.11	165	228490	42.89	ng		89
57) Fluorene	15.78	166	690342	41.86	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	197929	43.50	ng		93
59) Diethylphthalate	15.54	149	748727	40.85	ng		100
60) 4-Chlorophenyl-phenylether	15.77	204	376410	42.40	ng		99
61) 4-Nitroaniline	15.83	138	114902	33.53	ng		98
62) Azobenzene	16.06	77	844061	47.55	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	141575	46.36	ng		91
65) n-Nitrosodiphenylamine	15.99	169	626651	50.15	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	268808	50.23	ng		97
67) Hexachlorobenzene	16.79	284	281219	44.80	ng		95
68) Atrazine	16.94	200	220788	41.07	ng		96
69) Pentachlorophenol	17.15	266	286478	85.93	ng		96
70) Phenanthrene	17.54	178	1141202	49.87	ng		97
71) Anthracene	17.63	178	1168362	50.05	ng		97
72) Carbazole	17.91	167	981481	46.33	ng		97
73) Di-n-butylphthalate	18.44	149	1211707	47.94	ng		98
74) Fluoranthene	19.55	202	1325122	48.10	ng		95
76) Benzidine	19.75	184	134278	9.15	ng		96
77) Pyrene	19.92	202	1314105	45.09	ng		95
79) Butylbenzylphthalate	20.79	149	549361	48.90	ng		97
80) Benzo(a)anthracene	21.78	228	1344635	50.69	ng		94
81) 3,3'-Dichlorobenzidine	21.70	252	189421	17.87	ng	#	98
82) Chrysene	21.85	228	1247190	49.40	ng		100
83) Bis(2-ethylhexyl)phthalate	21.66	149	758562	49.32	ng		98
84) Di-n-octyl phthalate	22.90	149	1298357	51.47	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	1569499	56.14	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1388928	52.31	ng		98
88) Benzo(k)fluoranthene	24.15	252	1343726	51.04	ng	#	96
89) Benzo(a)pyrene	24.99	252	1323980	52.51	ng	#	97
90) Dibenzo(a,h)anthracene	29.04	278	1284367	51.79	ng	#	97
91) Benzo(g,h,i)perylene	30.18	276	1302065	54.60	ng	#	97

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

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