Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022370.D
Acq On : 16 Jun 2016 17:37
Operator : UM/SJ
Sample : H3569-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMPMSD

Quant Time: Jun 17 13:08:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26452	20.00	ng		-0.04
21) Naphthalene-d8	10.88	136	143619	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	84743	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	181569	20.00	ng		-0.03
75) Chrysene-d12	21.71	240	146415	20.00	ng		-0.03
86) Perylene-d12	24.98	264	131986	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	204035	149.14	ng		-0.02
7) Phenol-d6	7.26	99	317251	147.49	ng		0.00
23) Nitrobenzene-d5	9.23	82	169134	82.10	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	93865	98.03	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	416934	74.98	ng		-0.03
78) Terphenyl-d14	20.04	244	467400	75.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	18807	28.67	ng	#	72
3) Pyridine	3.83	79	56382	31.80	ng		91
4) n-Nitrosodimethylamine	3.75	42	18927	47.75	ng		77
6) Aniline	7.38	93	53351	19.52	ng	#	81
8) 2-Chlorophenol	7.63	128	87468	46.25	ng		82
10) Phenol	7.28	94	113850	51.34	ng		85
11) bis(2-Chloroethyl)ether	7.47	93	76218	43.10	ng	#	72
12) 1,3-Dichlorobenzene	7.94	146	77196	38.08	ng	#	92
13) 1,4-Dichlorobenzene	8.09	146	80901	40.06	ng		96
14) 1,2-Dichlorobenzene	8.41	146	81145	39.86	ng		96
15) Benzyl Alcohol	8.31	79	68872	49.56	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	87707	47.81	ng		79
17) 2-Methylphenol	8.53	107	78395	47.37	ng	#	84
18) Hexachloroethane	9.14	117	30039	40.73	ng	#	83
19) n-Nitroso-di-n-propylamine	8.86	70	64496	44.29	ng	#	72
20) 3+4-Methylphenols	8.87	107	107735	45.38	ng	#	89
22) Acetophenone	8.88	105	124906	40.36	ng	#	87
24) Nitrobenzene	9.28	77	90221	43.55	ng	#	88
25) Isophorone	9.79	82	184580	38.30	ng		96
26) 2-Nitrophenol	9.99	139	48596	43.26	ng	#	77
27) 2,4-Dimethylphenol	10.06	122	88212	43.39	ng		90
28) bis(2-Chloroethoxy)methane	10.27	93	114325	41.40	ng		93
29) 2,4-Dichlorophenol	10.55	162	81639	43.34	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	78551	37.32	ng		93
31) Naphthalene	10.93	128	276431	38.56	ng	#	95
32) Benzoic acid	10.21	122	6650	17.46	ng	#	76
33) 4-Chloroaniline	11.06	127	17850	5.99	ng	#	89
34) Hexachlorobutadiene	11.19	225	41508	36.74	ng		95
35) Caprolactam	11.82	113	32910m	31.85	ng		
36) 4-Chloro-3-methylphenol	12.20	107	93782	42.01	ng	#	84
37) 2-Methylnaphthalene	12.53	142	200900	37.96	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	82653	37.89	ng		97
40) Hexachlorocyclopentadiene	12.86	237	47349	44.98	ng		97
42) 2,4,6-Trichlorophenol	13.15	196	61456	42.00	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	64817	40.09	ng		94
45) 1,1'-Biphenyl	13.53	154	260372	40.83	ng		96
46) 2-Chloronaphthalene	13.58	162	199654	40.84	ng		96
47) 2-Nitroaniline	13.80	65	52077	44.67	ng	#	64
48) Acenaphthylene	14.42	152	336356	39.21	ng		96
49) Dimethylphthalate	14.15	163	353122	50.26	ng		99
50) 2,6-Dinitrotoluene	14.28	165	59110	38.70	ng	#	83
51) Acenaphthene	14.76	154	200042	38.93	ng		98
52) 3-Nitroaniline	14.63	138	21376	12.62	ng	#	74
53) 2,4-Dinitrophenol	14.84	184	33635	57.48	ng	#	81
54) Dibenzofuran	15.09	168	307417	38.33	ng		99
55) 4-Nitrophenol	14.98	139	77107	65.95	ng	#	81
56) 2,4-Dinitrotoluene	15.07	165	80029	39.06	ng	#	89
57) Fluorene	15.74	166	258588	37.43	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53096m	36.62	ng		
59) Diethylphthalate	15.50	149	273509	36.44	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	115642	36.96	ng		96
61) 4-Nitroaniline	15.79	138	54037	30.07	ng	#	79
62) Azobenzene	16.02	77	237377	41.76	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	36270	40.38	ng		82
65) n-Nitrosodiphenylamine	15.95	169	216640	41.42	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	65995	38.79	ng		97
67) Hexachlorobenzene	16.74	284	69508	35.05	ng		100
68) Atrazine	16.89	200	67801	35.02	ng		97
69) Pentachlorophenol	17.10	266	49180	56.85	ng		98
70) Phenanthrene	17.49	178	375231	38.05	ng		98
71) Anthracene	17.57	178	379724	38.82	ng		97
72) Carbazole	17.86	167	340792	36.79	ng		98
73) Di-n-butylphthalate	18.38	149	456844	37.72	ng		98
74) Fluoranthene	19.49	202	397904	35.10	ng		96
76) Benzidine	19.68	184	122738	32.06	ng		100
77) Pyrene	19.85	202	391454	43.01	ng		98
79) Butylbenzylphthalate	20.71	149	193129	45.75	ng	#	95
80) Benzo(a)anthracene	21.69	228	320418	39.03	ng		99
81) 3,3'-Dichlorobenzidine	21.60	252	39711	17.23	ng	#	95
82) Chrysene	21.76	228	305063	38.18	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	275733	44.42	ng		96
84) Di-n-octyl phthalate	22.77	149	463022	44.92	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.72	276	319035	35.59	ng		99
87) Benzo(b)fluoranthene	23.93	252	309451	40.20	ng	#	97
88) Benzo(k)fluoranthene	24.00	252	286338	37.79	ng	#	95
89) Benzo(a)pyrene	24.82	252	286519	38.93	ng	#	95
90) Dibenzo(a,h)anthracene	28.78	278	259547	37.44	ng	#	93
91) Benzo(g,h,i)perylene	29.93	276	266239	36.92	ng	#	90

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

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