Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021116.D
Acq On : 27 Feb 2016 15:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 29 00:16:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8112	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	37826	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	24528	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	60050	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	68455	20.00	ng		-0.02
86) Perylene-d12	25.06	264	61991	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	38564	83.23	ng		0.00
7) Phenol-d6	7.31	99	59936	86.93	ng		-0.02
23) Nitrobenzene-d5	9.33	82	69740	87.85	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	22319	69.40	ng		-0.01
44) 2-Fluorobiphenyl	13.40	172	139602	72.83	ng		-0.01
78) Terphenyl-d14	20.10	244	238481	81.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	9014	42.01	ng		91
3) Pyridine	4.02	79	26041	41.50	ng		93
4) n-Nitrosodimethylamine	3.93	42	12719	39.98	ng		97
6) Aniline	7.49	93	37625	44.12	ng		90
8) 2-Chlorophenol	7.73	128	23936	41.42	ng		93
9) Benzaldehyde	7.31	77	16930	45.33	ng		87
10) Phenol	7.34	94	31708	44.89	ng		75
11) bis(2-Chloroethyl)ether	7.59	93	24557	45.36	ng		97
12) 1,3-Dichlorobenzene	8.06	146	25031	40.70	ng	#	92
13) 1,4-Dichlorobenzene	8.20	146	25785	39.24	ng		96
14) 1,2-Dichlorobenzene	8.53	146	24793	39.85	ng		99
15) Benzyl Alcohol	8.40	79	26036	43.23	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.70	45	34281	55.22	ng		91
17) 2-Methylphenol	8.60	107	21539	43.20	ng	#	89
18) Hexachloroethane	9.25	117	10317	41.51	ng		91
19) n-Nitroso-di-n-propylamine	8.97	70	24812	46.65	ng		91
20) 3+4-Methylphenols	8.93	107	29553	42.75	ng		91
22) Acetophenone	8.99	105	43377	41.55	ng	#	93
24) Nitrobenzene	9.38	77	36868	44.95	ng	#	87
25) Isophorone	9.90	82	66037	44.38	ng		95
26) 2-Nitrophenol	10.08	139	13856	39.96	ng	#	63
27) 2,4-Dimethylphenol	10.13	122	24034	39.29	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	32115	44.29	ng		97
29) 2,4-Dichlorophenol	10.62	162	22430	37.46	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	24495	36.10	ng		98
31) Naphthalene	11.03	128	78405	40.35	ng		97
32) Benzoic acid	10.27	122	20724	36.90	ng		83
33) 4-Chloroaniline	11.13	127	33624	41.43	ng	#	89
34) Hexachlorobutadiene	11.31	225	16771	36.93	ng		94
35) Caprolactam	11.91	113	9167	45.31	ng	#	91
36) 4-Chloro-3-methylphenol	12.23	107	30789	41.95	ng		89
37) 2-Methylnaphthalene	12.62	142	53602	39.28	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	31649	34.92	ng		99
40) Hexachlorocyclopentadiene	12.96	237	20163	33.83	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	21732	38.23	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	23082	39.52	ng		93
45) 1,1'-Biphenyl	13.61	154	79024	38.26	ng		99
46) 2-Chloronaphthalene	13.66	162	60024	38.30	ng		99
47) 2-Nitroaniline	13.86	65	24738	48.72	ng	#	74
48) Acenaphthylene	14.50	152	98150	39.58	ng		99
49) Dimethylphthalate	14.23	163	82779	39.16	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	17577	40.42	ng	#	66
51) Acenaphthene	14.84	154	66203	39.14	ng		99
52) 3-Nitroaniline	14.67	138	18653	44.08	ng	#	69
53) 2,4-Dinitrophenol	14.87	184	11897	39.23	ng	#	78
54) Dibenzofuran	15.17	168	82969	38.73	ng	#	90
55) 4-Nitrophenol	14.96	139	16305	43.44	ng	#	56
56) 2,4-Dinitrotoluene	15.12	165	25743	41.28	ng	#	86
57) Fluorene	15.82	166	80799	38.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	19309	38.04	ng	#	97
59) Diethylphthalate	15.58	149	90694	40.71	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	41947	36.59	ng		97
61) 4-Nitroaniline	15.84	138	21001	43.58	ng	#	50
62) Azobenzene	16.10	77	90253	46.76	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	17231	39.12	ng		92
65) n-Nitrosodiphenylamine	16.02	169	71111	40.14	ng		92
66) 4-Bromophenyl-phenylether	16.70	248	25496	36.06	ng	#	88
67) Hexachlorobenzene	16.82	284	25738	34.51	ng	#	92
68) Atrazine	16.96	200	26591	40.51	ng		99
69) Pentachlorophenol	17.15	266	18142	36.03	ng		90
70) Phenanthrene	17.56	178	128990	39.92	ng		98
71) Anthracene	17.64	178	131396	40.38	ng		98
72) Carbazole	17.91	167	118937	42.34	ng		99
73) Di-n-butylphthalate	18.46	149	161584	43.63	ng	#	97
74) Fluoranthene	19.55	202	158931	39.21	ng		96
76) Benzidine	19.72	184	79084	43.91	ng		99
77) Pyrene	19.91	202	162921	42.98	ng		99
79) Butylbenzylphthalate	20.78	149	73754	46.62	ng		88
80) Benzo(a)anthracene	21.76	228	159924	40.60	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	62265	40.40	ng		98
82) Chrysene	21.83	228	150557	39.69	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	109246	44.72	ng		95
84) Di-n-octyl phthalate	22.89	149	181875	44.42	ng		97
85) Indeno(1,2,3-cd)pyrene	28.82	276	172875	37.80	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	157216	40.57	ng		99
88) Benzo(k)fluoranthene	24.09	252	157012	41.11	ng		96
89) Benzo(a)pyrene	24.91	252	149337	40.15	ng		96
90) Dibenzo(a,h)anthracene	28.88	278	147761	39.41	ng		99
91) Benzo(g,h,i)perylene	29.99	276	141582	39.20	ng		96

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

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