Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021238.D
Acq On : 3 Mar 2016 10:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 03 10:43:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 11:46:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	12354	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	58805	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	33790	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	71520	20.00	ng		-0.01
75) Chrysene-d12	21.75	240	77585	20.00	ng		-0.01
86) Perylene-d12	25.02	264	73385	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	58558	75.35	ng		-0.01
7) Phenol-d6	7.30	99	93086	72.85	ng		0.00
23) Nitrobenzene-d5	9.30	82	106393	76.56	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	27316	77.70	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	203437	85.49	ng		-0.02
78) Terphenyl-d14	20.08	244	260579	81.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	10902	31.24	ng	#	84
3) Pyridine	3.99	79	37948	34.40	ng		92
4) n-Nitrosodimethylamine	3.90	42	17594	31.66	ng		96
6) Aniline	7.47	93	59757	35.28	ng		90
8) 2-Chlorophenol	7.70	128	37062	38.90	ng		87
9) Benzaldehyde	7.28	77	26180	32.80	ng		89
10) Phenol	7.32	94	49853	36.60	ng		86
11) bis(2-Chloroethyl)ether	7.55	93	37747	35.95	ng		97
12) 1,3-Dichlorobenzene	8.03	146	38250	39.16	ng	#	91
13) 1,4-Dichlorobenzene	8.18	146	40051	39.82	ng		94
14) 1,2-Dichlorobenzene	8.49	146	38253	39.88	ng		98
15) Benzyl Alcohol	8.38	79	39635	33.97	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	57273	31.60	ng		94
17) 2-Methylphenol	8.58	107	34389	36.48	ng	#	90
18) Hexachloroethane	9.22	117	16007	38.01	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	37298	31.59	ng		93
20) 3+4-Methylphenols	8.90	107	47772	35.79	ng		94
22) Acetophenone	8.96	105	65620	37.50	ng	#	95
24) Nitrobenzene	9.35	77	56998	37.58	ng		92
25) Isophorone	9.87	82	101631	33.74	ng		97
26) 2-Nitrophenol	10.06	139	22619	40.94	ng	#	70
27) 2,4-Dimethylphenol	10.11	122	37298	37.63	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	49570	35.45	ng		97
29) 2,4-Dichlorophenol	10.59	162	35174	39.39	ng		97
30) 1,2,4-Trichlorobenzene	10.81	180	38401	42.64	ng		99
31) Naphthalene	11.00	128	122895	40.08	ng		98
32) Benzoic acid	10.24	122	27639	34.64	ng	#	79
33) 4-Chloroaniline	11.10	127	52488	37.12	ng	#	91
34) Hexachlorobutadiene	11.28	225	24449	44.59	ng		94
35) Caprolactam	11.90	113	13199	30.32	ng	#	87
36) 4-Chloro-3-methylphenol	12.21	107	46406	34.26	ng		88
37) 2-Methylnaphthalene	12.59	142	82015	37.57	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	47371	46.69	ng		98
40) Hexachlorocyclopentadiene	12.93	237	14980	26.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	31846	41.79	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	32537	39.93	ng		96
45) 1,1'-Biphenyl	13.59	154	116319	41.85	ng		96
46) 2-Chloronaphthalene	13.63	162	88685	42.51	ng		97
47) 2-Nitroaniline	13.83	65	35704	35.12	ng	#	72
48) Acenaphthylene	14.47	152	141449	40.05	ng		99
49) Dimethylphthalate	14.20	163	109494	36.36	ng	#	98
50) 2,6-Dinitrotoluene	14.32	165	24202	38.41	ng	#	66
51) Acenaphthene	14.82	154	83300	37.15	ng		96
52) 3-Nitroaniline	14.65	138	24552	35.12	ng	#	67
53) 2,4-Dinitrophenol	14.86	184	8260	28.41	ng		86
54) Dibenzofuran	15.14	168	114461	38.23	ng		91
55) 4-Nitrophenol	14.95	139	21155	36.49	ng	#	62
56) 2,4-Dinitrotoluene	15.10	165	34101	37.58	ng	#	81
57) Fluorene	15.79	166	107642	37.73	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.37	232	25133	38.56	ng	#	97
59) Diethylphthalate	15.56	149	116544	35.02	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	54515	38.28	ng		99
61) 4-Nitroaniline	15.81	138	25953	34.76	ng	#	61
62) Azobenzene	16.07	77	121066	33.86	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	15675	33.27	ng		96
65) n-Nitrosodiphenylamine	16.00	169	91980	41.82	ng		94
66) 4-Bromophenyl-phenylether	16.67	248	31867	42.63	ng	#	91
67) Hexachlorobenzene	16.79	284	31647	43.62	ng	#	88
68) Atrazine	16.94	200	31826	42.26	ng		97
69) Pentachlorophenol	17.13	266	19239	40.59	ng		89
70) Phenanthrene	17.53	178	155295	40.24	ng		98
71) Anthracene	17.62	178	158911	40.24	ng		99
72) Carbazole	17.88	167	140587	40.14	ng		99
73) Di-n-butylphthalate	18.43	149	194219	39.44	ng	#	97
74) Fluoranthene	19.53	202	183848	40.54	ng		97
76) Benzidine	19.70	184	88041	40.56	ng		100
77) Pyrene	19.89	202	185659	40.11	ng		98
79) Butylbenzylphthalate	20.76	149	90188	38.18	ng		89
80) Benzo(a)anthracene	21.73	228	185956	40.48	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	70671	40.66	ng		98
82) Chrysene	21.80	228	175816	40.39	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	130510	37.70	ng		94
84) Di-n-octyl phthalate	22.85	149	224869	39.00	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.76	276	190727	38.21	ng	#	84
87) Benzo(b)fluoranthene	23.98	252	177026	38.35	ng		99
88) Benzo(k)fluoranthene	24.05	252	184132	39.83	ng		98
89) Benzo(a)pyrene	24.87	252	176315	39.51	ng		98
90) Dibenzo(a,h)anthracene	28.81	278	156983	35.56	ng		98
91) Benzo(g,h,i)perylene	29.92	276	135657	31.81	ng		96

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

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