Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020969.D
Acq On : 19 Feb 2016 13:00
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 19 14:49:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	28387	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	142269	20.00	ng		-0.02
38) Acenaphthene-d10	14.87	164	78613	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	152569	20.00	ng		0.00
75) Chrysene-d12	21.89	240	144475	20.00	ng		-0.02
86) Perylene-d12	25.25	264	136509	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	133709	79.32	ng		0.00
7) Phenol-d6	7.40	99	201191	81.66	ng		0.00
23) Nitrobenzene-d5	9.43	82	173689	80.27	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	63709	82.41	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	463213	82.77	ng		0.00
78) Terphenyl-d14	20.19	244	500094	80.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	22363	36.49	ng		98
3) Pyridine	4.04	79	70204	38.72	ng		99
4) n-Nitrosodimethylamine	3.95	42	18946	39.94	ng		97
6) Aniline	7.58	93	122359	39.83	ng		99
8) 2-Chlorophenol	7.82	128	87058	41.34	ng		99
9) Benzaldehyde	7.39	77	47379	38.39	ng		97
10) Phenol	7.43	94	103711	39.78	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	83594	40.14	ng		96
12) 1,3-Dichlorobenzene	8.15	146	90996	40.87	ng		99
13) 1,4-Dichlorobenzene	8.29	146	92935	41.17	ng		99
14) 1,2-Dichlorobenzene	8.62	146	90471	41.20	ng		98
15) Benzyl Alcohol	8.49	79	60830	39.17	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	81982	37.74	ng		99
17) 2-Methylphenol	8.69	107	75244	40.06	ng		99
18) Hexachloroethane	9.36	117	32190	41.47	ng		98
19) n-Nitroso-di-n-propylamine	9.06	70	61904	38.94	ng		98
20) 3+4-Methylphenols	9.03	107	104752	40.02	ng		98
22) Acetophenone	9.08	105	136806	39.89	ng	#	98
24) Nitrobenzene	9.47	77	89647	39.75	ng		98
25) Isophorone	10.00	82	178285	39.09	ng		98
26) 2-Nitrophenol	10.19	139	51185	43.12	ng		96
27) 2,4-Dimethylphenol	10.24	122	90930	39.98	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	110756	39.41	ng		100
29) 2,4-Dichlorophenol	10.72	162	84845	41.62	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	86566	42.16	ng		99
31) Naphthalene	11.14	128	298279	40.53	ng		98
32) Benzoic acid	10.37	122	66381	36.38	ng		98
33) 4-Chloroaniline	11.23	127	126663	40.01	ng		99
34) Hexachlorobutadiene	11.41	225	44010	42.05	ng		96
35) Caprolactam	12.01	113	30259	38.74	ng		99
36) 4-Chloro-3-methylphenol	12.33	107	91323	39.10	ng		99
37) 2-Methylnaphthalene	12.72	142	206192	39.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	97835	42.43	ng		99
40) Hexachlorocyclopentadiene	13.06	237	35091	34.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	65571	42.33	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	67409	41.39	ng		98
45) 1,1'-Biphenyl	13.71	154	284283	40.99	ng		99
46) 2-Chloronaphthalene	13.76	162	204872	41.26	ng		99
47) 2-Nitroaniline	13.95	65	47931	40.31	ng		99
48) Acenaphthylene	14.60	152	350334	40.58	ng		100
49) Dimethylphthalate	14.32	163	248698	40.46	ng		99
50) 2,6-Dinitrotoluene	14.44	165	54826	41.62	ng		100
51) Acenaphthene	14.94	154	211990	40.50	ng		98
52) 3-Nitroaniline	14.77	138	62262	40.68	ng		100
53) 2,4-Dinitrophenol	14.97	184	15444	33.16	ng		93
54) Dibenzofuran	15.26	168	279767	40.40	ng		100
55) 4-Nitrophenol	15.07	139	47804	41.35	ng		97
56) 2,4-Dinitrotoluene	15.22	165	72979	42.86	ng		97
57) Fluorene	15.91	166	258055	40.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51184	41.24	ng		99
59) Diethylphthalate	15.67	149	251278	39.76	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	114318	40.37	ng		95
61) 4-Nitroaniline	15.93	138	61612	40.10	ng		98
62) Azobenzene	16.19	77	193750	38.99	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	27632	37.06	ng		96
65) n-Nitrosodiphenylamine	16.11	169	201977	40.97	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	67097	41.64	ng		97
67) Hexachlorobenzene	16.91	284	70833	41.31	ng		98
68) Atrazine	17.05	200	60656	40.55	ng		97
69) Pentachlorophenol	17.25	266	39889	40.58	ng		97
70) Phenanthrene	17.65	178	353762	40.73	ng		100
71) Anthracene	17.74	178	356554	40.44	ng		100
72) Carbazole	18.00	167	318652	40.28	ng		99
73) Di-n-butylphthalate	18.54	149	414378	40.84	ng		99
74) Fluoranthene	19.64	202	378709	40.36	ng		98
76) Benzidine	19.81	184	168990	36.17	ng		99
77) Pyrene	20.00	202	385186	40.42	ng		99
79) Butylbenzylphthalate	20.86	149	186820	40.95	ng		99
80) Benzo(a)anthracene	21.87	228	348069	40.36	ng		100
81) 3,3'-Dichlorobenzidine	21.77	252	128606	40.17	ng		99
82) Chrysene	21.93	228	327453	40.37	ng		100
83) Bis(2-ethylhexyl)phthalate	21.74	149	274247	40.54	ng		98
84) Di-n-octyl phthalate	23.01	149	456756	41.14	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	388701	41.67	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	335858	40.20	ng		99
88) Benzo(k)fluoranthene	24.25	252	333335	40.72	ng		99
89) Benzo(a)pyrene	25.10	252	324371	40.75	ng		99
90) Dibenzo(a,h)anthracene	29.18	278	316675	40.91	ng		99
91) Benzo(g,h,i)perylene	30.33	276	316084	41.14	ng		97

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

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