Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021739.D
Acq On : 18 Apr 2016 15:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 03:34:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	43333	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	189419	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	115328	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	266139	20.00	ng		0.00
75) Chrysene-d12	21.83	240	298635	20.00	ng		0.00
86) Perylene-d12	25.17	264	296019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	209163	80.38	ng		0.00
7) Phenol-d6	7.37	99	297090	76.43	ng		0.01
23) Nitrobenzene-d5	9.38	82	292076	79.26	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	112215	90.28	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	616583	78.33	ng		0.00
78) Terphenyl-d14	20.14	244	945801	79.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	45858	39.59	ng		93
3) Pyridine	4.04	79	127665	36.73	ng	#	88
4) n-Nitrosodimethylamine	3.95	42	60830	35.31	ng	#	80
6) Aniline	7.53	93	192099	37.37	ng		96
8) 2-Chlorophenol	7.77	128	121215	38.86	ng		96
9) Benzaldehyde	7.34	77	75713	33.69	ng		87
10) Phenol	7.39	94	159261	38.10	ng		97
11) bis(2-Chloroethyl)ether	7.62	93	123890	37.03	ng		94
12) 1,3-Dichlorobenzene	8.10	146	136284	39.12	ng		93
13) 1,4-Dichlorobenzene	8.25	146	138587	39.07	ng		93
14) 1,2-Dichlorobenzene	8.57	146	131920	38.77	ng		95
15) Benzyl Alcohol	8.45	79	111429	37.51	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	242891	33.89	ng		99
17) 2-Methylphenol	8.65	107	109886	38.02	ng		93
18) Hexachloroethane	9.30	117	51061	39.56	ng	#	73
19) n-Nitroso-di-n-propylamine	9.01	70	105546	34.95	ng		94
20) 3+4-Methylphenols	8.98	107	151177	38.22	ng		98
22) Acetophenone	9.04	105	204030	38.67	ng	#	97
24) Nitrobenzene	9.42	77	154420	39.13	ng		97
25) Isophorone	9.95	82	293148	36.34	ng		99
26) 2-Nitrophenol	10.14	139	72618	48.20	ng		94
27) 2,4-Dimethylphenol	10.19	122	123325	36.04	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	160773	37.51	ng		91
29) 2,4-Dichlorophenol	10.67	162	120056	41.15	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	129341	41.23	ng		93
31) Naphthalene	11.08	128	392454	38.72	ng	#	95
32) Benzoic acid	10.33	122	66148	36.86	ng		96
33) 4-Chloroaniline	11.18	127	168771	38.46	ng		99
34) Hexachlorobutadiene	11.35	225	86269	42.63	ng		95
35) Caprolactam	11.97	113	50365	37.72	ng	#	86
36) 4-Chloro-3-methylphenol	12.29	107	143004	38.98	ng		97
37) 2-Methylnaphthalene	12.67	142	272191	39.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	150758	41.83	ng		98
40) Hexachlorocyclopentadiene	13.00	237	88450	44.18	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	101582	44.20	ng		95
43) 2,4,5-Trichlorophenol	13.34	196	105211	42.42	ng		98
45) 1,1'-Biphenyl	13.66	154	381034	39.21	ng		97
46) 2-Chloronaphthalene	13.71	162	283483	39.46	ng		99
47) 2-Nitroaniline	13.90	65	100281	40.71	ng		99
48) Acenaphthylene	14.55	152	464861	39.14	ng		98
49) Dimethylphthalate	14.27	163	382428	38.35	ng		99
50) 2,6-Dinitrotoluene	14.39	165	82870	43.58	ng		95
51) Acenaphthene	14.88	154	300041	39.51	ng		99
52) 3-Nitroaniline	14.72	138	88306	41.88	ng		97
53) 2,4-Dinitrophenol	14.92	184	32296	47.50	ng		87
54) Dibenzofuran	15.22	168	405787	39.14	ng		100
55) 4-Nitrophenol	15.02	139	75585	41.86	ng		98
56) 2,4-Dinitrotoluene	15.17	165	116064	45.17	ng		99
57) Fluorene	15.86	166	360359	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	86163	41.87	ng		99
59) Diethylphthalate	15.62	149	395405	37.99	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	184789	40.52	ng		96
61) 4-Nitroaniline	15.88	138	92434	39.84	ng		98
62) Azobenzene	16.14	77	327791	36.75	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	58814	52.49	ng		97
65) n-Nitrosodiphenylamine	16.06	169	313297	39.25	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	118758	41.65	ng		95
67) Hexachlorobenzene	16.86	284	125579	41.72	ng		95
68) Atrazine	17.00	200	123104	39.05	ng		96
69) Pentachlorophenol	17.20	266	59951	34.89	ng		96
70) Phenanthrene	17.60	178	570162	38.87	ng		98
71) Anthracene	17.69	178	584250	39.24	ng		97
72) Carbazole	17.96	167	526809	37.91	ng		99
73) Di-n-butylphthalate	18.50	149	671371	37.98	ng		99
74) Fluoranthene	19.59	202	666409	38.05	ng		98
76) Benzidine	19.77	184	281360	30.26	ng		99
77) Pyrene	19.95	202	678962	39.43	ng		99
79) Butylbenzylphthalate	20.82	149	319098	39.92	ng		98
80) Benzo(a)anthracene	21.82	228	676874	39.38	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	538108	39.56	ng		99
82) Chrysene	21.89	228	644826	39.05	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	453599	38.80	ng		99
84) Di-n-octyl phthalate	22.94	149	776223	39.63	ng		98
85) Indeno(1,2,3-cd)pyrene	28.99	276	797123	40.61	ng	#	96
87) Benzo(b)fluoranthene	24.10	252	679081	39.54	ng		99
88) Benzo(k)fluoranthene	24.18	252	648058	38.58	ng		99
89) Benzo(a)pyrene	25.01	252	657065	39.48	ng		98
90) Dibenzo(a,h)anthracene	29.06	278	667493	40.00	ng		98
91) Benzo(g,h,i)perylene	30.19	276	655480	40.03	ng		96

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

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