Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024158.D
Acq On : 30 Sep 2016 14:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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10/3/2016 6:53:34 PM

Quant Time: Sep 30 17:15:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	58264	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	285244	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	237419	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	519753	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	552324	20.00	ng		-0.02
86) Perylene-d12	25.10	264	539870	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	258413	76.84	ng		0.00
7) Phenol-d6	7.20	99	425901	75.26	ng		0.00
23) Nitrobenzene-d5	9.22	82	523237	72.30	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	220361	64.57	ng		-0.01
44) 2-Fluorobiphenyl	13.32	172	1058173	74.92	ng		-0.01
78) Terphenyl-d14	20.09	244	1644853	60.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	55628	43.22	ng		96
3) Pyridine	3.84	79	177797	39.08	ng	#	91
4) n-Nitrosodimethylamine	3.75	42	79493	34.48	ng	#	93
6) Aniline	7.36	93	281876	35.46	ng		97
8) 2-Chlorophenol	7.60	128	144110	35.80	ng		94
9) Benzaldehyde	7.17	77	126081	40.91	ng		93
10) Phenol	7.23	94	222224	37.36	ng		90
11) bis(2-Chloroethyl)ether	7.45	93	174142	37.12	ng		91
12) 1,3-Dichlorobenzene	7.92	146	162979	36.30	ng		95
13) 1,4-Dichlorobenzene	8.07	146	172239	37.59	ng		97
14) 1,2-Dichlorobenzene	8.39	146	167791	37.63	ng		91
15) Benzyl Alcohol	8.28	79	196740m	35.92	ng		
16) 2,2'-oxybis(1-Chloropropan	8.56	45	240320	37.10	ng		96
17) 2-Methylphenol	8.50	107	152788	38.63	ng		94
18) Hexachloroethane	9.12	117	70337	36.44	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	195307	35.14	ng		99
20) 3+4-Methylphenols	8.83	107	213734	37.21	ng		90
22) Acetophenone	8.87	105	308099	37.44	ng	#	97
24) Nitrobenzene	9.26	77	274645	35.40	ng	#	92
25) Isophorone	9.78	82	530272	35.92	ng	#	97
26) 2-Nitrophenol	9.98	139	100794m	36.63	ng		
27) 2,4-Dimethylphenol	10.04	122	167050	36.30	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	272070	37.90	ng		99
29) 2,4-Dichlorophenol	10.53	162	182364	38.08	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	184439	35.98	ng		97
31) Naphthalene	10.92	128	541643	37.48	ng		98
32) Benzoic acid	10.22	122	121348	35.30	ng		92
33) 4-Chloroaniline	11.04	127	242098	37.54	ng		95
34) Hexachlorobutadiene	11.19	225	138530	34.33	ng		94
35) Caprolactam	11.83	113	68809	35.32	ng	#	85
36) 4-Chloro-3-methylphenol	12.17	107	248551	36.88	ng		98
37) 2-Methylnaphthalene	12.53	142	409440	37.00	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	253726	36.60	ng		99
40) Hexachlorocyclopentadiene	12.86	237	98838	37.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	163328	36.43	ng		94
43) 2,4,5-Trichlorophenol	13.24	196	167340	36.28	ng		92
45) 1,1'-Biphenyl	13.54	154	627924	38.67	ng		96
46) 2-Chloronaphthalene	13.58	162	454547	37.50	ng		97
47) 2-Nitroaniline	13.81	65	194724	34.52	ng		94
48) Acenaphthylene	14.43	152	781827	37.99	ng		99
49) Dimethylphthalate	14.16	163	672412	36.92	ng		99
50) 2,6-Dinitrotoluene	14.29	165	150639	39.37	ng		90
51) Acenaphthene	14.77	154	470882	37.73	ng		99
52) 3-Nitroaniline	14.63	138	149040	39.00	ng	#	91
53) 2,4-Dinitrophenol	14.86	184	76557	34.39	ng		90
54) Dibenzofuran	15.11	168	728978	37.51	ng		98
55) 4-Nitrophenol	14.97	139	94351	34.36	ng		86
56) 2,4-Dinitrotoluene	15.09	165	214734	36.88	ng	#	86
57) Fluorene	15.76	166	626187	37.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	158393	35.56	ng		91
59) Diethylphthalate	15.52	149	704543	35.92	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	314147	34.67	ng		94
61) 4-Nitroaniline	15.81	138	139646	35.28	ng	#	80
62) Azobenzene	16.04	77	722180	36.24	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	134278	37.20	ng		81
65) n-Nitrosodiphenylamine	15.97	169	577564	40.62	ng		97
66) 4-Bromophenyl-phenylether	16.65	248	220655	36.60	ng		99
67) Hexachlorobenzene	16.78	284	242804	35.74	ng		97
68) Atrazine	16.92	200	217264	34.61	ng		96
69) Pentachlorophenol	17.14	266	108819	33.09	ng		92
70) Phenanthrene	17.52	178	1015166	38.34	ng		98
71) Anthracene	17.61	178	1029821	37.87	ng		97
72) Carbazole	17.89	167	964410	38.10	ng		97
73) Di-n-butylphthalate	18.42	149	1178518	35.57	ng		96
74) Fluoranthene	19.53	202	1215373	35.17	ng		96
76) Benzidine	19.72	184	475260	30.40	ng		98
77) Pyrene	19.90	202	1242168	32.21	ng		95
79) Butylbenzylphthalate	20.77	149	521793	36.74	ng		97
80) Benzo(a)anthracene	21.76	228	1171630	37.26	ng		96
81) 3,3'-Dichlorobenzidine	21.67	252	438166	38.88	ng	#	96
82) Chrysene	21.82	228	1113251	37.67	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	733777	43.25	ng	#	95
84) Di-n-octyl phthalate	22.86	149	1264713	43.20	ng		98
85) Indeno(1,2,3-cd)pyrene	28.91	276	1383923	41.99	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1172452	37.33	ng	#	97
88) Benzo(k)fluoranthene	24.11	252	1184410	37.97	ng	#	96
89) Benzo(a)pyrene	24.95	252	1140990	37.58	ng	#	99
90) Dibenzo(a,h)anthracene	28.96	278	1108727	36.57	ng	#	96
91) Benzo(g,h,i)perylene	30.11	276	1138083	37.26	ng	#	96

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

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