Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022431.D
Acq On : 18 Jun 2016 19:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/20/2016 6:54:18 PM

Quant Time: Jun 20 13:14:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37385	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	194006	20.00	ng		-0.05
38) Acenaphthene-d10	14.68	164	113943	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	242261	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	213742	20.00	ng		-0.05
86) Perylene-d12	24.93	264	195227	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	170954	88.41	ng		-0.04
7) Phenol-d6	7.23	99	265319	87.27	ng		-0.02
23) Nitrobenzene-d5	9.22	82	253753	91.19	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	86223	66.97	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	625286	83.63	ng		-0.04
78) Terphenyl-d14	20.02	244	760987	84.53	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	38670	41.71	ng	#	80
3) Pyridine	3.83	79	105656	42.17	ng		95
4) n-Nitrosodimethylamine	3.74	42	28189	50.32	ng	#	81
6) Aniline	7.37	93	168357	43.59	ng	#	84
8) 2-Chlorophenol	7.61	128	110712	41.43	ng		82
9) Benzaldehyde	7.18	77	69349	41.44	ng	#	74
10) Phenol	7.26	94	136477	43.54	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	107839	43.15	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	113473	39.61	ng	#	91
13) 1,4-Dichlorobenzene	8.07	146	116643	40.87	ng		94
14) 1,2-Dichlorobenzene	8.40	146	115341	40.09	ng		97
15) Benzyl Alcohol	8.30	79	85531	43.55	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	125734	48.49	ng		84
17) 2-Methylphenol	8.51	107	99651	42.60	ng	#	86
18) Hexachloroethane	9.12	117	44463	42.66	ng	#	81
19) n-Nitroso-di-n-propylamine	8.85	70	91854	44.63	ng	#	72
20) 3+4-Methylphenols	8.84	107	135713	40.45	ng		99
22) Acetophenone	8.87	105	180141	43.09	ng	#	85
24) Nitrobenzene	9.26	77	123457	44.12	ng	#	84
25) Isophorone	9.78	82	268302	41.21	ng		95
26) 2-Nitrophenol	9.98	139	67246	44.32	ng	#	77
27) 2,4-Dimethylphenol	10.04	122	115761	42.15	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	161934	43.41	ng		93
29) 2,4-Dichlorophenol	10.53	162	107402	42.21	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	113006	39.75	ng		93
31) Naphthalene	10.91	128	392223	40.50	ng	#	95
32) Benzoic acid	10.24	122	50819	51.81	ng		90
33) 4-Chloroaniline	11.03	127	164302	40.80	ng	#	92
34) Hexachlorobutadiene	11.18	225	58958	38.63	ng		99
35) Caprolactam	11.82	113	46777m	33.51	ng		
36) 4-Chloro-3-methylphenol	12.17	107	127090	42.14	ng		88
37) 2-Methylnaphthalene	12.52	142	279924	39.16	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	119313	40.68	ng		97
40) Hexachlorocyclopentadiene	12.85	237	56098	40.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	81049	41.19	ng		97
43) 2,4,5-Trichlorophenol	13.22	196	81536	37.51	ng		98
45) 1,1'-Biphenyl	13.51	154	366364	42.72	ng		94
46) 2-Chloronaphthalene	13.57	162	276339	42.04	ng		97
47) 2-Nitroaniline	13.78	65	70312	44.86	ng	#	64
48) Acenaphthylene	14.41	152	465490	40.36	ng		96
49) Dimethylphthalate	14.14	163	352016	37.26	ng		99
50) 2,6-Dinitrotoluene	14.27	165	79670	38.79	ng	#	83
51) Acenaphthene	14.75	154	275836	39.92	ng		94
52) 3-Nitroaniline	14.61	138	82818	36.36	ng	#	82
53) 2,4-Dinitrophenol	14.82	184	43248	55.45	ng	#	80
54) Dibenzofuran	15.08	168	427228	39.62	ng		100
55) 4-Nitrophenol	14.95	139	68194	43.38	ng	#	76
56) 2,4-Dinitrotoluene	15.06	165	111763	40.57	ng	#	90
57) Fluorene	15.73	166	359469	38.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.32	232	68470m	35.12	ng		
59) Diethylphthalate	15.49	149	376032	37.26	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	162192	38.56	ng		95
61) 4-Nitroaniline	15.77	138	78400m	32.45	ng		
62) Azobenzene	16.01	77	327790	42.89	ng		88
64) 4,6-Dinitro-2-methylphenol	15.83	198	48491	40.45	ng		86
65) n-Nitrosodiphenylamine	15.93	169	298036	42.71	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	92200	40.62	ng		95
67) Hexachlorobenzene	16.73	284	100468	37.97	ng		97
68) Atrazine	16.88	200	96798	37.47	ng		97
69) Pentachlorophenol	17.09	266	44289	40.57	ng		98
70) Phenanthrene	17.47	178	531533	40.40	ng		98
71) Anthracene	17.56	178	531385	40.72	ng		97
72) Carbazole	17.84	167	491796	39.79	ng		98
73) Di-n-butylphthalate	18.37	149	657280	40.68	ng		99
74) Fluoranthene	19.47	202	581093	38.42	ng		95
76) Benzidine	19.66	184	213909	38.27	ng		98
77) Pyrene	19.84	202	570988	42.97	ng		98
79) Butylbenzylphthalate	20.70	149	296351	48.09	ng		94
80) Benzo(a)anthracene	21.67	228	493093	41.14	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	132771	39.46	ng	#	96
82) Chrysene	21.74	228	473277	40.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	423946	46.78	ng		96
84) Di-n-octyl phthalate	22.75	149	704941	46.85	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.65	276	513008	39.21	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	472555	41.50	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	467677	41.72	ng	#	95
89) Benzo(a)pyrene	24.78	252	454744	41.77	ng	#	95
90) Dibenzo(a,h)anthracene	28.70	278	412579	40.24	ng	#	90
91) Benzo(g,h,i)perylene	29.82	276	424967	39.84	ng	#	91

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

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