Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023293.D
Acq On : 27 Jul 2016 21:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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7/28/2016 4:58:20 PM

Quant Time: Jul 28 03:17:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	189340	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	857410	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	552679	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1267277	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1277298	20.00	ng		0.00
86) Perylene-d12	25.30	264	1330643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	994278	89.65	ng		0.00
7) Phenol-d6	7.29	99	1456558	85.54	ng		0.00
23) Nitrobenzene-d5	9.31	82	1376599	78.51	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	585668	102.38	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2579113	87.34	ng		0.00
78) Terphenyl-d14	20.18	244	3089104	78.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	210336	44.22	ng	#	92
3) Pyridine	3.95	79	595815	35.79	ng		95
4) n-Nitrosodimethylamine	3.86	42	241060	32.05	ng	#	71
6) Aniline	7.45	93	865671	38.06	ng		94
8) 2-Chlorophenol	7.70	128	537130	43.41	ng		96
9) Benzaldehyde	7.26	77	439349	35.92	ng		92
10) Phenol	7.32	94	753907	41.96	ng	#	80
11) bis(2-Chloroethyl)ether	7.55	93	594444	38.93	ng		93
12) 1,3-Dichlorobenzene	8.02	146	609633m	43.72	ng		
13) 1,4-Dichlorobenzene	8.17	146	612669	43.06	ng		96
14) 1,2-Dichlorobenzene	8.49	146	584622	42.60	ng		96
15) Benzyl Alcohol	8.37	79	381119	33.26	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	905649	37.27	ng		90
17) 2-Methylphenol	8.59	107	501677	40.85	ng	#	88
18) Hexachloroethane	9.23	117	235950	39.81	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	552040	36.04	ng		97
20) 3+4-Methylphenols	8.92	107	702812	42.09	ng		90
22) Acetophenone	8.97	105	931695	41.62	ng	#	90
24) Nitrobenzene	9.36	77	796130	39.10	ng	#	88
25) Isophorone	9.88	82	1438365	39.72	ng	#	93
26) 2-Nitrophenol	10.08	139	346870	45.11	ng	#	74
27) 2,4-Dimethylphenol	10.13	122	573363	44.23	ng		82
28) bis(2-Chloroethoxy)methane	10.37	93	799813	39.36	ng		99
29) 2,4-Dichlorophenol	10.62	162	567850	45.25	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	597058	43.05	ng		96
31) Naphthalene	11.02	128	1726953	43.35	ng		98
32) Benzoic acid	10.27	122	364861	36.84	ng		93
33) 4-Chloroaniline	11.14	127	739283	40.17	ng	#	89
34) Hexachlorobutadiene	11.31	225	382883	42.12	ng		94
35) Caprolactam	11.92	113	217435	40.75	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	683684	41.47	ng		90
37) 2-Methylnaphthalene	12.63	142	1263750m	42.78	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	806990	45.10	ng		99
40) Hexachlorocyclopentadiene	12.97	237	389344	45.92	ng		99

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	492359	46.85	ng		99
43) 2,4,5-Trichlorophenol	13.32	196	507373	45.51	ng		92
45) 1,1'-Biphenyl	13.63	154	1728106	44.83	ng		93
46) 2-Chloronaphthalene	13.69	162	1353366	43.82	ng		97
47) 2-Nitroaniline	13.89	65	524093	40.11	ng	#	84
48) Acenaphthylene	14.53	152	2091999	44.24	ng		95
49) Dimethylphthalate	14.26	163	1696486	41.60	ng		96
50) 2,6-Dinitrotoluene	14.38	165	406085	42.52	ng	#	78
51) Acenaphthene	14.87	154	1342092	43.75	ng		98
52) 3-Nitroaniline	14.72	138	416657	43.31	ng		79
53) 2,4-Dinitrophenol	14.92	184	249633	44.64	ng	#	86
54) Dibenzofuran	15.21	168	1866227	43.00	ng		95
55) 4-Nitrophenol	15.04	139	352019	42.19	ng	#	72
56) 2,4-Dinitrotoluene	15.17	165	568268	42.26	ng		95
57) Fluorene	15.86	166	1637336	42.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	428055m	45.35	ng		
59) Diethylphthalate	15.62	149	1728877	41.38	ng		95
60) 4-Chlorophenyl-phenylether	15.85	204	877882	42.31	ng		97
61) 4-Nitroaniline	15.89	138	448792	44.49	ng	#	62
62) Azobenzene	16.14	77	1718518	39.68	ng		91
64) 4,6-Dinitro-2-methylphenol	15.94	198	377812	46.42	ng		93
65) n-Nitrosodiphenylamine	16.06	169	1504462	44.47	ng		92
66) 4-Bromophenyl-phenylether	16.75	248	585826	45.72	ng		96
67) Hexachlorobenzene	16.87	284	619786	48.11	ng		94
68) Atrazine	17.02	200	571509	44.04	ng		96
69) Pentachlorophenol	17.22	266	376532	47.35	ng		97
70) Phenanthrene	17.62	178	2521235	45.48	ng		94
71) Anthracene	17.71	178	2570040	45.89	ng		94
72) Carbazole	17.98	167	2365680	46.12	ng		96
73) Di-n-butylphthalate	18.52	149	2619794	45.77	ng		96
74) Fluoranthene	19.62	202	2798881	44.24	ng		89
76) Benzidine	19.81	184	759459	21.14	ng		98
77) Pyrene	19.99	202	2813098	38.81	ng	#	92
79) Butylbenzylphthalate	20.87	149	1369433	42.94	ng		98
80) Benzo(a)anthracene	21.87	228	2769741	41.42	ng		97
81) 3,3'-Dichlorobenzidine	21.79	252	1193568	44.02	ng	#	93
82) Chrysene	21.94	228	2667628	41.29	ng		93
83) Bis(2-ethylhexyl)phthalate	21.76	149	1889755	42.35	ng		95
84) Di-n-octyl phthalate	23.03	149	3076651	42.15	ng		99
85) Indeno(1,2,3-cd)pyrene	29.21	276	3625217	48.10	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2944758	41.66	ng	#	93
88) Benzo(k)fluoranthene	24.29	252	2936117	41.55	ng	#	93
89) Benzo(a)pyrene	25.14	252	2901408	41.88	ng	#	93
90) Dibenzo(a,h)anthracene	29.28	278	2966093	45.27	ng	#	89
91) Benzo(g,h,i)perylene	30.42	276	2969469	43.05	ng	#	87

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

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