Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025980.D
Acq On : 28 Feb 2017 1:45
Operator : SJ/MA
Sample : I1998-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-50-COMPMS

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:46 PM

Quant Time: Feb 28 14:31:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	90437	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	442038	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	319593	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	817446	20.00	ng		0.00
75) Chrysene-d12	21.66	240	817852	20.00	ng		-0.02
86) Perylene-d12	24.85	264	792100	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	733842	141.27	ng		0.00
7) Phenol-d6	7.23	99	984680	128.10	ng		0.00
23) Nitrobenzene-d5	9.23	82	617502	88.16	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	537504	182.04	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1713442	93.68	ng		-0.01
78) Terphenyl-d14	20.01	244	2566652	76.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	67814	28.56	ng	#	69
3) Pyridine	3.94	79	164638	23.27	ng	#	72
4) n-Nitrosodimethylamine	3.84	42	88510	34.79	ng	#	31
6) Aniline	7.40	93	126402	11.83	ng	#	91
8) 2-Chlorophenol	7.65	128	284288	46.05	ng		85
9) Benzaldehyde	7.21	77	68622	15.07	ng	#	75
10) Phenol	7.26	94	345988	41.42	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	256007	37.29	ng		89
12) 1,3-Dichlorobenzene	7.97	146	270308	37.88	ng	#	89
13) 1,4-Dichlorobenzene	8.12	146	274528	37.97	ng		94
14) 1,2-Dichlorobenzene	8.43	146	273174	38.49	ng		91
15) Benzyl Alcohol	8.31	79	265921	47.24	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	335061	33.63	ng		91
17) 2-Methylphenol	8.51	107	267336	44.43	ng	#	82
18) Hexachloroethane	9.17	117	91153	38.04	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	227164	40.46	ng	#	82
20) 3+4-Methylphenols	8.84	107	382140	44.57	ng		87
22) Acetophenone	8.89	105	442281	41.70	ng	#	80
24) Nitrobenzene	9.28	77	315674	41.68	ng	#	78
25) Isophorone	9.80	82	660618	42.86	ng	#	92
26) 2-Nitrophenol	9.99	139	169889	47.96	ng	#	65
27) 2,4-Dimethylphenol	10.04	122	320989	48.56	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	396690	40.61	ng		96
29) 2,4-Dichlorophenol	10.52	162	321045	50.88	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	286590	41.76	ng		98
31) Naphthalene	10.93	128	997952	43.67	ng		100
32) Benzoic acid	10.16	122	227809	45.13	ng	#	78
34) Hexachlorobutadiene	11.22	225	156025	39.96	ng		98
35) Caprolactam	11.79	113	115123m	45.18	ng		
36) 4-Chloro-3-methylphenol	12.14	107	392065	51.94	ng	#	79
37) 2-Methylnaphthalene	12.52	142	779006	44.75	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	340437	42.50	ng		99
40) Hexachlorocyclopentadiene	12.87	237	372423	84.97	ng		95
42) 2,4,6-Trichlorophenol	13.12	196	280793	54.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	307835	52.42	ng		94
45) 1,1'-Biphenyl	13.52	154	1042843	45.03	ng		98
46) 2-Chloronaphthalene	13.56	162	777699	46.45	ng		99
47) 2-Nitroaniline	13.76	65	266869	50.25	ng	#	69
48) Acenaphthylene	14.40	152	1373408	46.07	ng		99
49) Dimethylphthalate	14.13	163	1117920	50.99	ng		98
50) 2,6-Dinitrotoluene	14.25	165	265485	53.91	ng	#	65
51) Acenaphthene	14.74	154	926040	47.04	ng		99
52) 3-Nitroaniline	14.57	138	24790	4.50	ng	#	77
53) 2,4-Dinitrophenol	14.78	184	315422	122.39	ng		89
54) Dibenzofuran	15.08	168	1353440	51.56	ng		91
55) 4-Nitrophenol	14.88	139	467412	104.25	ng	#	46
56) 2,4-Dinitrotoluene	15.03	165	380783	57.47	ng	#	77
57) Fluorene	15.72	166	1138277	48.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	310475	59.93	ng		99
59) Diethylphthalate	15.49	149	1184473	52.23	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	536726	49.39	ng		94
61) 4-Nitroaniline	15.73	138	247837	43.40	ng	#	54
62) Azobenzene	16.00	77	1048546	53.79	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	229739	48.03	ng		88
65) n-Nitrosodiphenylamine	15.92	169	1036538	41.81	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	362695	42.33	ng		95
67) Hexachlorobenzene	16.73	284	375162	42.49	ng		91
68) Atrazine	16.86	200	336153	38.31	ng		97
69) Pentachlorophenol	17.06	266	498055	91.44	ng		97
70) Phenanthrene	17.45	178	1844157	41.56	ng		98
71) Anthracene	17.55	178	1918364	42.40	ng		99
72) Carbazole	17.80	167	1760535	38.74	ng		96
73) Di-n-butylphthalate	18.36	149	2080639	46.64	ng	#	95
74) Fluoranthene	19.45	202	2049193	41.94	ng		95
76) Benzidine	19.64	184	75121m	2.91	ng		
77) Pyrene	19.81	202	2054836	39.73	ng		99
79) Butylbenzylphthalate	20.69	149	919330	46.83	ng		85
80) Benzo(a)anthracene	21.64	228	1969287	41.24	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	220471	12.95	ng	#	98
82) Chrysene	21.71	228	1787293	38.92	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1297478	45.78	ng	#	97
84) Di-n-octyl phthalate	22.75	149	2227690	47.59	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2360088	43.64	ng	#	96
87) Benzo(b)fluoranthene	23.84	252	2003684	42.24	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1990049	42.99	ng	#	93
89) Benzo(a)pyrene	24.71	252	1952023	43.45	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1967738	43.60	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	1956558	43.24	ng	#	89

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

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