Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025988.D
Acq On : 28 Feb 2017 7:01
Operator : SJ/MA
Sample : I1989-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-CC9-CC10-CC11-CC12

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:54 PM

Quant Time: Feb 28 07:35:55 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	8.08	152	92315	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	478390	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	337931	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	838066	20.00	ng		-0.01
75) Chrysene-d12	21.66	240	816531	20.00	ng		-0.02
86) Perylene-d12	24.85	264	809193	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	551847	104.08	ng		-0.01
7) Phenol-d6	7.23	99	908316	115.76	ng		0.00
23) Nitrobenzene-d5	9.23	82	498740	65.79	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	482050	154.40	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1557567	80.54	ng		-0.01
78) Terphenyl-d14	20.00	244	2212866	65.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	34868	14.39	ng	#	79
3) Pyridine	3.93	79	89140	12.34	ng	#	78
4) n-Nitrosodimethylamine	3.84	42	56149	21.62	ng	#	41
6) Aniline	7.40	93	285335	26.16	ng	#	90
8) 2-Chlorophenol	7.64	128	208631	33.11	ng		86
9) Benzaldehyde	7.21	77	71757	15.43	ng	#	74
10) Phenol	7.26	94	313376	36.75	ng	#	72
11) bis(2-Chloroethyl)ether	7.49	93	188336	26.87	ng		86
12) 1,3-Dichlorobenzene	7.97	146	179300	24.61	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	186142	25.22	ng		92
14) 1,2-Dichlorobenzene	8.43	146	186918	25.80	ng		93
15) Benzyl Alcohol	8.31	79	204581	35.61	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.61	45	246337	24.22	ng		88
17) 2-Methylphenol	8.51	107	219500	35.73	ng	#	83
18) Hexachloroethane	9.16	117	60101	24.57	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	184451	32.19	ng	#	79
20) 3+4-Methylphenols	8.83	107	320326	36.60	ng		86
22) Acetophenone	8.89	105	350315	30.52	ng	#	79
24) Nitrobenzene	9.27	77	244030	29.77	ng	#	80
25) Isophorone	9.80	82	568156	34.06	ng	#	90
26) 2-Nitrophenol	9.99	139	136900	35.71	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	258130	36.08	ng		87
28) bis(2-Chloroethoxy)methane	10.27	93	331252	31.33	ng		98
29) 2,4-Dichlorophenol	10.52	162	274470	40.19	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	228373	30.75	ng		99
31) Naphthalene	10.93	128	750119	30.33	ng		99
32) Benzoic acid	10.14	122	155736	28.51	ng	#	71
33) 4-Chloroaniline	11.03	127	261871	24.38	ng	#	85
34) Hexachlorobutadiene	11.22	225	120934	28.62	ng		96
35) Caprolactam	11.78	113	127617m	46.28	ng		
36) 4-Chloro-3-methylphenol	12.14	107	341596	41.81	ng	#	82
37) 2-Methylnaphthalene	12.52	142	660323	35.05	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	297668	35.15	ng		99
40) Hexachlorocyclopentadiene	12.87	237	302183	65.20	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	253794	46.40	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	276784	44.57	ng	#	93
45) 1,1'-Biphenyl	13.52	154	920677	37.60	ng		99
46) 2-Chloronaphthalene	13.56	162	683820	38.63	ng		97
47) 2-Nitroaniline	13.75	65	241011	42.92	ng	#	70
48) Acenaphthylene	14.40	152	1211115	38.42	ng		99
49) Dimethylphthalate	14.13	163	1441234	62.16	ng		99
50) 2,6-Dinitrotoluene	14.25	165	231343	44.42	ng	#	66
51) Acenaphthene	14.75	154	898061	43.14	ng		99
52) 3-Nitroaniline	14.58	138	221146	37.96	ng	#	70
53) 2,4-Dinitrophenol	14.78	184	254539	93.40	ng	#	84
54) Dibenzofuran	15.07	168	1199615	43.22	ng		91
55) 4-Nitrophenol	14.87	139	425344	89.72	ng	#	46
56) 2,4-Dinitrotoluene	15.03	165	329658	47.05	ng	#	79
57) Fluorene	15.72	166	1010590	40.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	269327	49.16	ng		98
59) Diethylphthalate	15.49	149	1023749	42.69	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	473122	41.17	ng		90
61) 4-Nitroaniline	15.73	138	270134	44.74	ng	#	52
62) Azobenzene	16.00	77	898860	43.61	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	191961	39.14	ng		90
65) n-Nitrosodiphenylamine	15.92	169	915069	36.00	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	323167	36.79	ng		96
67) Hexachlorobenzene	16.73	284	326537	36.07	ng		94
68) Atrazine	16.86	200	325912	36.23	ng		97
69) Pentachlorophenol	17.06	266	421173	75.42	ng		97
70) Phenanthrene	17.45	178	1602881	35.23	ng		97
71) Anthracene	17.54	178	1660898	35.81	ng		99
72) Carbazole	17.81	167	1520254	32.63	ng		95
73) Di-n-butylphthalate	18.36	149	1763983	38.57	ng	#	94
74) Fluoranthene	19.45	202	1754994	35.04	ng		94
76) Benzidine	19.62	184	401692	15.58	ng		97
77) Pyrene	19.81	202	1765053	34.18	ng		98
79) Butylbenzylphthalate	20.69	149	772869	39.44	ng		88
80) Benzo(a)anthracene	21.64	228	1663836	34.90	ng		97
81) 3,3'-Dichlorobenzidine	21.55	252	513036	30.19	ng	#	98
82) Chrysene	21.70	228	1525949	33.29	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1093020	38.63	ng		98
84) Di-n-octyl phthalate	22.74	149	1890726	40.46	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2000490	37.05	ng	#	94
87) Benzo(b)fluoranthene	23.84	252	1739352	35.89	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1628451	34.44	ng	#	93
89) Benzo(a)pyrene	24.70	252	1650979	35.98	ng	#	94
90) Dibenzo(a,h)anthracene	28.56	278	1637350	35.52	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1649696	35.69	ng	#	87

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

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