Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025785.D
Acq On : 3 Feb 2017 8:42
Operator : SJ/MA
Sample : PB96669BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96669BSD

Manual Integrations APPROVED
mohammad
2/3/2017 1:58:33 PM

Quant Time: Feb 03 10:54:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78336	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	335821	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	270192	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	627687	20.00	ng		0.00
75) Chrysene-d12	21.83	240	800057	20.00	ng		0.00
86) Perylene-d12	25.21	264	804701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	373200	85.38	ng		0.00
7) Phenol-d6	7.32	99	555715	87.05	ng		0.00
23) Nitrobenzene-d5	9.35	82	696998	87.69	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	279074	72.43	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1415537	85.09	ng		0.00
78) Terphenyl-d14	20.12	244	2560673	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	66138	33.38	ng	#	90
3) Pyridine	3.95	79	206960	38.49	ng		95
4) n-Nitrosodimethylamine	3.87	42	132053	42.69	ng	#	81
6) Aniline	7.49	93	121991	13.56	ng		95
8) 2-Chlorophenol	7.72	128	231016	46.56	ng		92
9) Benzaldehyde	7.31	77	142379	26.29	ng		99
10) Phenol	7.35	94	353403	49.26	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	242975	42.83	ng		91
12) 1,3-Dichlorobenzene	8.05	146	244787	40.34	ng		98
13) 1,4-Dichlorobenzene	8.19	146	248895	40.35	ng		97
14) 1,2-Dichlorobenzene	8.52	146	240290	40.65	ng		93
15) Benzyl Alcohol	8.41	79	257606	46.67	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	467574	40.82	ng		97
17) 2-Methylphenol	8.62	107	225116	45.93	ng		94
18) Hexachloroethane	9.24	117	97333	38.75	ng		94
19) n-Nitroso-di-n-propylamine	8.97	70	238572	42.35	ng	#	97
20) 3+4-Methylphenols	8.95	107	297746	44.52	ng		94
22) Acetophenone	9.00	105	370868	40.34	ng	#	99
24) Nitrobenzene	9.39	77	350505	40.39	ng		98
25) Isophorone	9.90	82	626162	40.43	ng		97
26) 2-Nitrophenol	10.10	139	138954	45.19	ng		93
27) 2,4-Dimethylphenol	10.15	122	256734	47.94	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	351988	42.94	ng		98
29) 2,4-Dichlorophenol	10.66	162	261884	47.65	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	268632	42.02	ng		91
31) Naphthalene	11.04	128	724502	41.56	ng		100
32) Benzoic acid	10.31	122	129199	39.04	ng	#	81
33) 4-Chloroaniline	11.18	127	52151	7.20	ng	#	91
34) Hexachlorobutadiene	11.30	225	193984	37.30	ng		96
35) Caprolactam	11.94	113	101043m	43.15	ng		
36) 4-Chloro-3-methylphenol	12.28	107	318648	47.59	ng		97
37) 2-Methylnaphthalene	12.64	142	574216	42.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	347715	38.43	ng		97
40) Hexachlorocyclopentadiene	12.96	237	248472	72.27	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	230684	43.55	ng		95
43) 2,4,5-Trichlorophenol	13.34	196	245804	42.98	ng		97
45) 1,1'-Biphenyl	13.63	154	772725	41.11	ng		96
46) 2-Chloronaphthalene	13.68	162	623169	42.22	ng		97
47) 2-Nitroaniline	13.90	65	267600	42.12	ng		97
48) Acenaphthylene	14.52	152	982594	40.02	ng		99
49) Dimethylphthalate	14.24	163	836628	41.12	ng		98
50) 2,6-Dinitrotoluene	14.39	165	192591	41.80	ng		92
51) Acenaphthene	14.86	154	630179	41.53	ng		99
52) 3-Nitroaniline	14.73	138	53408	12.29	ng	#	90
53) 2,4-Dinitrophenol	14.95	184	221587	80.34	ng		88
54) Dibenzofuran	15.19	168	1016737	44.35	ng		99
55) 4-Nitrophenol	15.05	139	278226	82.63	ng		89
56) 2,4-Dinitrotoluene	15.19	165	284738	42.23	ng	#	80
57) Fluorene	15.84	166	843685	41.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	249375	46.67	ng		96
59) Diethylphthalate	15.59	149	886435	41.09	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	449140	40.67	ng		95
61) 4-Nitroaniline	15.89	138	183354	42.03	ng		92
62) Azobenzene	16.11	77	1027813	46.82	ng		97
64) 4,6-Dinitro-2-methylphenol	15.96	198	176832	39.64	ng		84
65) n-Nitrosodiphenylamine	16.04	169	788859	43.78	ng		100
66) 4-Bromophenyl-phenylether	16.71	248	320930	42.04	ng		96
67) Hexachlorobenzene	16.84	284	352358	41.04	ng		97
68) Atrazine	16.98	200	327009	36.76	ng		98
69) Pentachlorophenol	17.20	266	314726	83.43	ng		96
70) Phenanthrene	17.58	178	1455381	42.67	ng		98
71) Anthracene	17.68	178	1504106	42.76	ng		99
72) Carbazole	17.95	167	1348114	39.57	ng		98
73) Di-n-butylphthalate	18.46	149	1631256	41.39	ng		97
74) Fluoranthene	19.59	202	1833789	39.23	ng		99
76) Benzidine	19.77	184	499755	18.19	ng		95
77) Pyrene	19.95	202	1872856	42.02	ng		99
79) Butylbenzylphthalate	20.80	149	808542	43.70	ng		96
80) Benzo(a)anthracene	21.81	228	1960416	41.37	ng		100
81) 3,3'-Dichlorobenzidine	21.71	252	359789	19.35	ng		93
82) Chrysene	21.88	228	1789928	39.97	ng		100
83) Bis(2-ethylhexyl)phthalate	21.65	149	1155725	44.85	ng		97
84) Di-n-octyl phthalate	22.89	149	1917450	45.81	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2308965	42.29	ng	#	93
87) Benzo(b)fluoranthene	24.12	252	1982265	42.62	ng		99
88) Benzo(k)fluoranthene	24.19	252	1946651m	42.76	ng		
89) Benzo(a)pyrene	25.05	252	1884688	42.60	ng	#	96
90) Dibenzo(a,h)anthracene	29.15	278	1923371	42.04	ng		98
91) Benzo(g,h,i)perylene	30.33	276	1912136	42.06	ng	#	93

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

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