Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020984.D
Acq On : 19 Feb 2016 22:52
Operator : SJ/UM
Sample : PB88453BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Manual Integrations APPROVED
UMANGI
2/22/2016 10:55:36 AM

Quant Time: Feb 20 02:27:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	18466	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	97024	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	63773	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	135910	20.00	ng		0.00
75) Chrysene-d12	21.89	240	129117	20.00	ng		-0.02
86) Perylene-d12	25.25	264	121581	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	108371	98.83	ng		0.00
7) Phenol-d6	7.41	99	155642	97.11	ng		0.00
23) Nitrobenzene-d5	9.43	82	124342	84.26	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	62459	99.59	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	359864	79.27	ng		-0.01
78) Terphenyl-d14	20.19	244	490307	88.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	12799	32.10	ng		92
3) Pyridine	4.04	79	40743	34.55	ng		95
4) n-Nitrosodimethylamine	3.95	42	12620	40.90	ng		98
6) Aniline	7.58	93	45604	22.82	ng		97
8) 2-Chlorophenol	7.82	128	62534	45.65	ng		97
9) Benzaldehyde	7.38	77	9100	11.34	ng		93
10) Phenol	7.43	94	78379	46.21	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	53912	39.80	ng		100
12) 1,3-Dichlorobenzene	8.15	146	58033	40.07	ng		99
13) 1,4-Dichlorobenzene	8.30	146	60732	41.36	ng		98
14) 1,2-Dichlorobenzene	8.62	146	59481	41.64	ng		97
15) Benzyl Alcohol	8.49	79	46252	45.78	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	53866	38.12	ng		99
17) 2-Methylphenol	8.69	107	56039	45.86	ng		97
18) Hexachloroethane	9.35	117	20844	41.28	ng		95
19) n-Nitroso-di-n-propylamine	9.06	70	41549	40.18	ng		99
20) 3+4-Methylphenols	9.02	107	79022	46.41	ng		98
22) Acetophenone	9.09	105	86731	37.09	ng	#	99
24) Nitrobenzene	9.48	77	60350	39.23	ng		98
25) Isophorone	9.99	82	121045	38.92	ng		99
26) 2-Nitrophenol	10.19	139	35280	43.58	ng		96
27) 2,4-Dimethylphenol	10.24	122	66621	42.95	ng		97
28) bis(2-Chloroethoxy)methane	10.47	93	80338	41.91	ng		99
29) 2,4-Dichlorophenol	10.73	162	65787	47.32	ng		97
30) 1,2,4-Trichlorobenzene	10.94	180	57468	41.04	ng		99
31) Naphthalene	11.14	128	204378	40.72	ng		99
32) Benzoic acid	10.37	122	49860	40.07	ng		97
33) 4-Chloroaniline	11.24	127	23832	11.04	ng		99
34) Hexachlorobutadiene	11.41	225	28621	40.10	ng		97
35) Caprolactam	12.01	113	27519m	51.66	ng		
36) 4-Chloro-3-methylphenol	12.34	107	76208	47.84	ng		98
37) 2-Methylnaphthalene	12.72	142	159369	45.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	67221	35.93	ng		98
40) Hexachlorocyclopentadiene	13.06	237	61503	74.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	54856	43.65	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	60800	46.02	ng		97
45) 1,1'-Biphenyl	13.71	154	208070	36.98	ng		100
46) 2-Chloronaphthalene	13.76	162	156530	38.86	ng		99
47) 2-Nitroaniline	13.96	65	42265	43.82	ng		98
48) Acenaphthylene	14.60	152	283933	40.54	ng		99
49) Dimethylphthalate	14.32	163	211296	42.37	ng		100
50) 2,6-Dinitrotoluene	14.44	165	47388	44.34	ng		97
51) Acenaphthene	14.94	154	174302	41.05	ng		98
52) 3-Nitroaniline	14.77	138	33595	27.06	ng		96
53) 2,4-Dinitrophenol	14.97	184	45690	98.64	ng		91
54) Dibenzofuran	15.27	168	260233	46.33	ng		99
55) 4-Nitrophenol	15.07	139	88915	94.82	ng		98
56) 2,4-Dinitrotoluene	15.22	165	66645	48.25	ng		99
57) Fluorene	15.91	166	226626	43.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51900	51.55	ng		99
59) Diethylphthalate	15.67	149	227177	44.32	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	98319	42.80	ng		94
61) 4-Nitroaniline	15.93	138	54795	43.96	ng		99
62) Azobenzene	16.19	77	187447	46.50	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	30254	44.29	ng		97
65) n-Nitrosodiphenylamine	16.11	169	190913	43.48	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	59973	41.78	ng		96
67) Hexachlorobenzene	16.91	284	66505	43.54	ng		100
68) Atrazine	17.05	200	60198	45.18	ng		97
69) Pentachlorophenol	17.25	266	78374	89.50	ng		96
70) Phenanthrene	17.65	178	336658	43.51	ng		99
71) Anthracene	17.74	178	336588	42.86	ng		100
72) Carbazole	18.01	167	308413	43.76	ng		100
73) Di-n-butylphthalate	18.55	149	379135	41.95	ng		100
74) Fluoranthene	19.64	202	356678	42.67	ng		99
76) Benzidine	19.81	184	117148	28.06	ng		98
77) Pyrene	20.00	202	363381	42.67	ng		99
79) Butylbenzylphthalate	20.87	149	172177	42.23	ng		100
80) Benzo(a)anthracene	21.87	228	330730	42.91	ng		100
81) 3,3'-Dichlorobenzidine	21.77	252	52009	18.18	ng		98
82) Chrysene	21.94	228	296156	40.86	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	251555	41.61	ng		100
84) Di-n-octyl phthalate	23.01	149	423871	42.72	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358067	42.95	ng	#	90
87) Benzo(b)fluoranthene	24.19	252	321040	43.15	ng		99
88) Benzo(k)fluoranthene	24.26	252	313762	43.04	ng		99
89) Benzo(a)pyrene	25.10	252	309388	43.64	ng		98
90) Dibenzo(a,h)anthracene	29.19	278	295151	42.81	ng		99
91) Benzo(g,h,i)perylene	30.34	276	292906	42.80	ng		98

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

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