Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021662.D
Acq On : 14 Apr 2016 21:14
Operator : UM/SJ
Sample : PB89775BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89775BS

Manual Integrations APPROVED
Sohil
4/15/2016 4:44:50 PM

Quant Time: Apr 15 02:08:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27789	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	129210	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	91461	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	218583	20.00	ng		0.00
75) Chrysene-d12	21.83	240	242739	20.00	ng		0.00
86) Perylene-d12	25.16	264	236542	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	234958	140.80	ng		0.00
7) Phenol-d6	7.36	99	356698	143.10	ng		0.00
23) Nitrobenzene-d5	9.38	82	206838	82.28	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	142643	144.71	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	513441	82.25	ng		0.00
78) Terphenyl-d14	20.14	244	787184	80.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	23855	32.11	ng		88
3) Pyridine	4.03	79	75786	34.00	ng	#	88
4) n-Nitrosodimethylamine	3.95	42	39165	35.45	ng	#	81
6) Aniline	7.54	93	52060	15.79	ng		98
8) 2-Chlorophenol	7.78	128	88960	44.47	ng		95
9) Benzaldehyde	7.35	77	26226	18.19	ng		96
10) Phenol	7.39	94	125813	46.93	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	81465	37.97	ng		96
12) 1,3-Dichlorobenzene	8.11	146	83151	37.22	ng		97
13) 1,4-Dichlorobenzene	8.25	146	86743	38.14	ng		95
14) 1,2-Dichlorobenzene	8.57	146	85190	39.04	ng		96
15) Benzyl Alcohol	8.45	79	88213	46.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	165314	35.97	ng		95
17) 2-Methylphenol	8.65	107	86384	46.60	ng		92
18) Hexachloroethane	9.31	117	30704	37.09	ng	#	70
19) n-Nitroso-di-n-propylamine	9.02	70	75992	39.23	ng	#	93
20) 3+4-Methylphenols	8.98	107	118458	46.70	ng		98
22) Acetophenone	9.04	105	135059	37.53	ng	#	99
24) Nitrobenzene	9.43	77	105779	39.30	ng		96
25) Isophorone	9.95	82	211860	38.51	ng		98
26) 2-Nitrophenol	10.14	139	44493	43.30	ng		97
27) 2,4-Dimethylphenol	10.19	122	102539	43.93	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	124544	42.60	ng		92
29) 2,4-Dichlorophenol	10.67	162	99166	49.83	ng		94
30) 1,2,4-Trichlorobenzene	10.89	180	84128	39.31	ng		98
31) Naphthalene	11.08	128	278764	40.31	ng	#	96
32) Benzoic acid	10.30	122	59257m	45.25	ng		
33) 4-Chloroaniline	11.18	127	26206	8.75	ng		97
34) Hexachlorobutadiene	11.36	225	52203	37.82	ng		94
35) Caprolactam	11.95	113	38863m	42.67	ng		
36) 4-Chloro-3-methylphenol	12.28	107	123426	49.32	ng		99
37) 2-Methylnaphthalene	12.67	142	216472	45.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	104240	36.47	ng	#	97
40) Hexachlorocyclopentadiene	13.01	237	135253	85.18	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	80720	44.29	ng	97
43) 2,4,5-Trichlorophenol	13.33	196	88673	45.09	ng	97
45) 1,1'-Biphenyl	13.66	154	287648	37.33	ng	96
46) 2-Chloronaphthalene	13.71	162	223325	39.20	ng	100
47) 2-Nitroaniline	13.90	65	87177	44.63	ng	96
48) Acenaphthylene	14.55	152	378059	40.14	ng	97
49) Dimethylphthalate	14.27	163	315857	39.94	ng	100
50) 2,6-Dinitrotoluene	14.39	165	69205	45.90	ng	98
51) Acenaphthene	14.89	154	264420	43.91	ng	97
52) 3-Nitroaniline	14.72	138	26407	15.79	ng	96
53) 2,4-Dinitrophenol	14.92	184	50295	86.08	ng	97
54) Dibenzofuran	15.22	168	369321	44.92	ng	98
55) 4-Nitrophenol	15.02	139	125936	87.95	ng	94
56) 2,4-Dinitrotoluene	15.17	165	96003	47.11	ng	99
57) Fluorene	15.86	166	306276	41.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	81821	50.14	ng	99
59) Diethylphthalate	15.63	149	328998	39.86	ng	97
60) 4-Chlorophenyl-phenylether	15.85	204	149060	41.21	ng	98
61) 4-Nitroaniline	15.88	138	74661	40.57	ng	98
62) Azobenzene	16.14	77	323294	45.70	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	38261	42.70	ng	95
65) n-Nitrosodiphenylamine	16.07	169	280115	42.73	ng	95
66) 4-Bromophenyl-phenylether	16.74	248	99438	42.46	ng	96
67) Hexachlorobenzene	16.86	284	103533	41.88	ng	97
68) Atrazine	17.00	200	104709	40.45	ng	97
69) Pentachlorophenol	17.20	266	123202	87.29	ng	96
70) Phenanthrene	17.60	178	501141	41.60	ng	98
71) Anthracene	17.69	178	505994	41.37	ng	99
72) Carbazole	17.95	167	460631	40.35	ng	99
73) Di-n-butylphthalate	18.50	149	560354	38.59	ng	99
74) Fluoranthene	19.59	202	564815	39.26	ng	98
76) Benzidine	19.76	184	107075	14.17	ng	98
77) Pyrene	19.95	202	580741	41.49	ng	98
79) Butylbenzylphthalate	20.83	149	263890	40.62	ng	99
80) Benzo(a)anthracene	21.81	228	576322	41.26	ng	99
81) 3,3'-Dichlorobenzidine	21.71	252	72978	6.60	ng	99
82) Chrysene	21.88	228	529961	39.49	ng	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	380614	40.05	ng	99
84) Di-n-octyl phthalate	22.95	149	652291	40.98	ng	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	652874	40.92	ng	98
87) Benzo(b)fluoranthene	24.10	252	567740	41.36	ng	98
88) Benzo(k)fluoranthene	24.17	252	563617	41.99	ng	100
89) Benzo(a)pyrene	25.00	252	555589	41.78	ng	96
90) Dibenzo(a,h)anthracene	29.04	278	554112	41.56	ng	98
91) Benzo(g,h,i)perylene	30.17	276	536902	41.04	ng	98

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

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