Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021052.D
Acq On : 24 Feb 2016 8:30
Operator : UM/SJ
Sample : PB88492BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88492BS

Manual Integrations APPROVED
Sohil
2/24/2016 4:29:45 PM

Quant Time: Feb 24 10:03:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4686	20.00	ng		0.00
21) Naphthalene-d8	11.02	136	23655	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	14212	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	31341	20.00	ng		0.00
75) Chrysene-d12	21.83	240	19815	20.00	ng		0.00
86) Perylene-d12	25.13	264	18117	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	31578	118.14	ng		0.00
7) Phenol-d6	7.41	99	49021	119.09	ng		0.00
23) Nitrobenzene-d5	9.39	82	30998	76.94	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	19944	117.14	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	75584	74.04	ng		0.00
78) Terphenyl-d14	20.14	244	91738	60.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	2234	32.37	ng	#	87
3) Pyridine	4.02	79	7458	30.51	ng		91
4) n-Nitrosodimethylamine	3.93	42	3874	38.53	ng	#	90
6) Aniline	7.54	93	8124	16.74	ng	#	94
8) 2-Chlorophenol	7.79	128	12106	37.75	ng		93
9) Benzaldehyde	7.35	77	1859	9.34	ng		94
10) Phenol	7.43	94	16487	38.39	ng		91
11) bis(2-Chloroethyl)ether	7.62	93	11625	33.72	ng		96
12) 1,3-Dichlorobenzene	8.09	146	12690	34.94	ng		96
13) 1,4-Dichlorobenzene	8.24	146	13031	34.37	ng		98
14) 1,2-Dichlorobenzene	8.56	146	11999	34.08	ng		99
15) Benzyl Alcohol	8.47	79	11511	41.06	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.73	45	19963	34.39	ng		99
17) 2-Methylphenol	8.69	107	11588	39.65	ng		94
18) Hexachloroethane	9.29	117	4807	35.31	ng		97
19) n-Nitroso-di-n-propylamine	9.02	70	10640	36.74	ng		97
20) 3+4-Methylphenols	9.02	107	15403	38.03	ng		92
22) Acetophenone	9.04	105	18570	33.93	ng		100
24) Nitrobenzene	9.43	77	16258	37.19	ng		96
25) Isophorone	9.94	82	28776	34.64	ng		99
26) 2-Nitrophenol	10.14	139	7262	37.47	ng		95
27) 2,4-Dimethylphenol	10.21	122	14052	40.19	ng		94
28) bis(2-Chloroethoxy)methane	10.42	93	16894	37.63	ng		98
29) 2,4-Dichlorophenol	10.69	162	13348	41.71	ng		96
30) 1,2,4-Trichlorobenzene	10.88	180	12780	37.23	ng		98
31) Naphthalene	11.08	128	45423	36.72	ng		99
32) Benzoic acid	10.37	122	9741	36.83	ng		91
33) 4-Chloroaniline	11.20	127	4399	8.89	ng		98
34) Hexachlorobutadiene	11.34	225	7316	38.37	ng		95
35) Caprolactam	12.01	113	4663m	37.19	ng		
36) 4-Chloro-3-methylphenol	12.33	107	15913	39.25	ng		96
37) 2-Methylnaphthalene	12.66	142	33476	37.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	15210	38.70	ng		96
40) Hexachlorocyclopentadiene	12.99	237	16910	76.02	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	11422	40.89	ng		97
43) 2,4,5-Trichlorophenol	13.36	196	11722	40.89	ng		95
45) 1,1'-Biphenyl	13.66	154	44009	35.70	ng		98
46) 2-Chloronaphthalene	13.70	162	32445	37.62	ng		97
47) 2-Nitroaniline	13.93	65	11235	43.16	ng		88
48) Acenaphthylene	14.55	152	58554	37.13	ng		99
49) Dimethylphthalate	14.28	163	41905	36.16	ng	#	98
50) 2,6-Dinitrotoluene	14.40	165	9347	39.39	ng		95
51) Acenaphthene	14.88	154	34064	37.56	ng		98
52) 3-Nitroaniline	14.75	138	6328	23.22	ng	#	93
53) 2,4-Dinitrophenol	14.94	184	10536	71.71	ng		94
54) Dibenzofuran	15.21	168	52482	40.76	ng		95
55) 4-Nitrophenol	15.09	139	17469	74.33	ng		97
56) 2,4-Dinitrotoluene	15.18	165	12769	37.46	ng	#	93
57) Fluorene	15.86	166	44792	36.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	10496m	43.79	ng		
59) Diethylphthalate	15.62	149	46797	36.84	ng		100
60) 4-Chlorophenyl-phenylether	15.84	204	19877	35.44	ng		96
61) 4-Nitroaniline	15.91	138	9515	33.34	ng		87
62) Azobenzene	16.13	77	47400	43.05	ng		98
64) 4,6-Dinitro-2-methylphenol	15.94	198	7149	37.66	ng		97
65) n-Nitrosodiphenylamine	16.06	169	36941	39.15	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	12666	38.41	ng		95
67) Hexachlorobenzene	16.85	284	13986	38.74	ng		99
68) Atrazine	17.00	200	12783	43.22	ng		93
69) Pentachlorophenol	17.22	266	17046	81.82	ng		98
70) Phenanthrene	17.60	178	68042	38.38	ng		98
71) Anthracene	17.69	178	66876	37.86	ng		99
72) Carbazole	17.97	167	62935	39.54	ng		99
73) Di-n-butylphthalate	18.48	149	76363	39.38	ng		98
74) Fluoranthene	19.59	202	68282	38.30	ng		97
76) Benzidine	19.78	184	19446	19.29	ng		96
77) Pyrene	19.95	202	66337	29.30	ng		99
79) Butylbenzylphthalate	20.81	149	26935	33.74	ng		95
80) Benzo(a)anthracene	21.80	228	46878	39.45	ng		96
81) 3,3'-Dichlorobenzidine	21.72	252	6640	15.13	ng		93
82) Chrysene	21.87	228	40380	36.42	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	33739	38.72	ng		99
84) Di-n-octyl phthalate	22.90	149	52228	42.12	ng		98
85) Indeno(1,2,3-cd)pyrene	28.92	276	44459	44.59	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	43530	36.44	ng		95
88) Benzo(k)fluoranthene	24.15	252	39707	35.24	ng		97
89) Benzo(a)pyrene	24.98	252	40351	37.70	ng		98
90) Dibenzo(a,h)anthracene	28.98	278	37665	39.08	ng		99
91) Benzo(g,h,i)perylene	30.12	276	36875	38.34	ng		99

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

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