Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021174.D
Acq On : 1 Mar 2016 3:26
Operator : UM/SJ
Sample : PB88571BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88571BS

Manual Integrations APPROVED
Sohil
3/1/2016 3:02:05 PM

Quant Time: Mar 01 04:34:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	9696	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	49427	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	32378	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	73443	20.00	ng		0.00
75) Chrysene-d12	21.76	240	76090	20.00	ng		0.00
86) Perylene-d12	25.02	264	68109	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	86712	142.17	ng		0.00
7) Phenol-d6	7.30	99	142047	141.64	ng		0.00
23) Nitrobenzene-d5	9.32	82	100061	85.66	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	44524	132.17	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	193481	84.85	ng		0.00
78) Terphenyl-d14	20.08	244	285144	90.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	8227	30.03	ng	#	81
3) Pyridine	3.99	79	27688	31.98	ng	#	89
4) n-Nitrosodimethylamine	3.90	42	15466	35.46	ng		94
6) Aniline	7.47	93	33730	25.37	ng	#	88
8) 2-Chlorophenol	7.71	128	33963	45.42	ng		85
9) Benzaldehyde	7.29	77	5900	9.42	ng		85
10) Phenol	7.33	94	49688	46.48	ng		82
11) bis(2-Chloroethyl)ether	7.57	93	32783	39.78	ng		92
12) 1,3-Dichlorobenzene	8.04	146	30263	39.47	ng	#	89
13) 1,4-Dichlorobenzene	8.19	146	30625	38.80	ng		95
14) 1,2-Dichlorobenzene	8.51	146	29862	39.67	ng		96
15) Benzyl Alcohol	8.38	79	41600	45.42	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	53747	37.78	ng		99
17) 2-Methylphenol	8.58	107	34208	46.24	ng	#	91
18) Hexachloroethane	9.24	117	12609	38.15	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	35804	38.64	ng	#	93
20) 3+4-Methylphenols	8.91	107	47034	44.89	ng		93
22) Acetophenone	8.97	105	55523	37.75	ng	#	94
24) Nitrobenzene	9.36	77	51291	40.23	ng	#	88
25) Isophorone	9.88	82	98825	39.04	ng		96
26) 2-Nitrophenol	10.07	139	19760	42.55	ng	#	70
27) 2,4-Dimethylphenol	10.12	122	37967	45.57	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	50744	43.18	ng		98
29) 2,4-Dichlorophenol	10.60	162	35310	47.05	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	31367	41.44	ng		95
31) Naphthalene	11.01	128	108032	41.92	ng		98
32) Benzoic acid	10.24	122	27505	39.97	ng		89
33) 4-Chloroaniline	11.12	127	15433	12.99	ng	#	91
34) Hexachlorobutadiene	11.29	225	19016	41.27	ng		94
35) Caprolactam	11.89	113	15679m	42.85	ng		
36) 4-Chloro-3-methylphenol	12.21	107	50587	44.43	ng		90
37) 2-Methylnaphthalene	12.60	142	82385	44.90	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	40092	41.24	ng	#	97
40) Hexachlorocyclopentadiene	12.94	237	48066	90.16	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	32332	44.28	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	35047	44.88	ng	#	92
45) 1,1'-Biphenyl	13.60	154	110432	41.47	ng		96
46) 2-Chloronaphthalene	13.64	162	85749	42.90	ng		98
47) 2-Nitroaniline	13.84	65	41204	42.30	ng	#	75
48) Acenaphthylene	14.48	152	145768	43.07	ng		97
49) Dimethylphthalate	14.21	163	118344	41.01	ng	#	98
50) 2,6-Dinitrotoluene	14.33	165	26546	43.97	ng	#	72
51) Acenaphthene	14.82	154	89507	41.66	ng		98
52) 3-Nitroaniline	14.66	138	16685	24.91	ng	#	63
53) 2,4-Dinitrophenol	14.86	184	29698	84.41	ng	#	83
54) Dibenzofuran	15.16	168	135206	47.13	ng		92
55) 4-Nitrophenol	14.95	139	48462	87.23	ng	#	59
56) 2,4-Dinitrotoluene	15.11	165	38177	43.90	ng	#	78
57) Fluorene	15.80	166	117268	42.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	30229	48.40	ng	#	95
59) Diethylphthalate	15.56	149	131561	41.25	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	57611	42.22	ng		98
61) 4-Nitroaniline	15.82	138	30170	42.17	ng	#	65
62) Azobenzene	16.08	77	156898	45.80	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	20849	41.67	ng		93
65) n-Nitrosodiphenylamine	16.00	169	105417	46.68	ng		94
66) 4-Bromophenyl-phenylether	16.68	248	34692	45.20	ng	#	86
67) Hexachlorobenzene	16.80	284	34174	45.87	ng	#	86
68) Atrazine	16.94	200	38476	49.76	ng		98
69) Pentachlorophenol	17.14	266	45235	92.94	ng		91
70) Phenanthrene	17.54	178	181282	45.74	ng		100
71) Anthracene	17.63	178	183846	45.33	ng		99
72) Carbazole	17.89	167	161985	45.04	ng		97
73) Di-n-butylphthalate	18.44	149	219904	43.49	ng	#	98
74) Fluoranthene	19.53	202	202022	43.39	ng		99
76) Benzidine	19.71	184	51722	24.29	ng		98
77) Pyrene	19.89	202	206935	45.59	ng		99
79) Butylbenzylphthalate	20.76	149	102486	44.24	ng	#	86
80) Benzo(a)anthracene	21.74	228	200268	44.46	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	31858	18.69	ng	#	98
82) Chrysene	21.80	228	181584	42.53	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	149671	44.08	ng		98
84) Di-n-octyl phthalate	22.86	149	256895	45.43	ng		100
85) Indeno(1,2,3-cd)pyrene	28.76	276	209222	42.74	ng	#	100
87) Benzo(b)fluoranthene	23.98	252	194511	45.40	ng		98
88) Benzo(k)fluoranthene	24.06	252	191062	44.53	ng		97
89) Benzo(a)pyrene	24.88	252	187527	45.27	ng		97
90) Dibenzo(a,h)anthracene	28.82	278	176494	43.07	ng	#	97
91) Benzo(g,h,i)perylene	29.92	276	171487	43.32	ng		94

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

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