Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020971.D
Acq On : 19 Feb 2016 14:20
Operator : SJ/UM
Sample : PB88429BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88429BS

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

Quant Time: Feb 19 15:33:46 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	19737	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	99116	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	62271	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	135499	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	126248	20.00	ng		-0.02
86) Perylene-d12	25.25	264	121496	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	151056	128.89	ng		0.00
7) Phenol-d6	7.40	99	211301	123.35	ng		0.00
23) Nitrobenzene-d5	9.43	82	113010	74.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	82020	133.94	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	321878	72.61	ng		-0.01
78) Terphenyl-d14	20.19	244	433712	80.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	13007	30.52	ng		93
3) Pyridine	4.04	79	39128	31.04	ng		99
4) n-Nitrosodimethylamine	3.95	42	11669	35.38	ng		97
6) Aniline	7.57	93	45190	21.16	ng		98
8) 2-Chlorophenol	7.82	128	58616	40.04	ng		97
9) Benzaldehyde	7.39	77	10981	12.80	ng		96
10) Phenol	7.43	94	73437	40.51	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	50838	35.11	ng		96
12) 1,3-Dichlorobenzene	8.15	146	55837	36.07	ng		98
13) 1,4-Dichlorobenzene	8.30	146	57243	36.47	ng		99
14) 1,2-Dichlorobenzene	8.62	146	56885	37.26	ng		96
15) Benzyl Alcohol	8.49	79	43846	40.61	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.79	45	50484	33.42	ng		99
17) 2-Methylphenol	8.70	107	51934	39.77	ng		96
18) Hexachloroethane	9.35	117	20024	37.11	ng		92
19) n-Nitroso-di-n-propylamine	9.06	70	38768	35.07	ng		99
20) 3+4-Methylphenols	9.02	107	72545	39.86	ng		95
22) Acetophenone	9.08	105	82882	34.69	ng	#	100
24) Nitrobenzene	9.47	77	55506	35.32	ng		99
25) Isophorone	9.99	82	112183	35.31	ng		99
26) 2-Nitrophenol	10.19	139	32605	39.43	ng		96
27) 2,4-Dimethylphenol	10.23	122	59855	37.77	ng		93
28) bis(2-Chloroethoxy)methane	10.47	93	74892	38.25	ng		98
29) 2,4-Dichlorophenol	10.72	162	59986	42.24	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	53987	37.74	ng		99
31) Naphthalene	11.13	128	189780	37.01	ng		98
32) Benzoic acid	10.35	122	42022	33.06	ng		95
33) 4-Chloroaniline	11.24	127	31216	14.15	ng		97
34) Hexachlorobutadiene	11.41	225	26965	36.98	ng		100
35) Caprolactam	12.00	113	23867m	43.86	ng		
36) 4-Chloro-3-methylphenol	12.34	107	67631	41.56	ng		96
37) 2-Methylnaphthalene	12.72	142	147634	41.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	62305	34.11	ng		99
40) Hexachlorocyclopentadiene	13.06	237	53655	66.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	48559	39.57	ng	99
43) 2,4,5-Trichlorophenol	13.38	196	52680	40.83	ng	97
45) 1,1'-Biphenyl	13.71	154	190038	34.59	ng	99
46) 2-Chloronaphthalene	13.76	162	142987	36.36	ng	99
47) 2-Nitroaniline	13.95	65	37600	39.92	ng	100
48) Acenaphthylene	14.60	152	255543	37.37	ng	99
49) Dimethylphthalate	14.32	163	187206	38.45	ng	100
50) 2,6-Dinitrotoluene	14.44	165	41900	40.15	ng	100
51) Acenaphthene	14.94	154	165124	39.82	ng	97
52) 3-Nitroaniline	14.77	138	35114	28.96	ng	96
53) 2,4-Dinitrophenol	14.97	184	30702	70.51	ng	93
54) Dibenzofuran	15.27	168	235466	42.93	ng	99
55) 4-Nitrophenol	15.07	139	79965	87.33	ng	98
56) 2,4-Dinitrotoluene	15.22	165	58886	43.66	ng	98
57) Fluorene	15.91	166	201753	39.95	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	45326	46.10	ng	99
59) Diethylphthalate	15.67	149	200728	40.10	ng	99
60) 4-Chlorophenyl-phenylether	15.90	204	87357	38.94	ng	97
61) 4-Nitroaniline	15.93	138	49695	40.83	ng	98
62) Azobenzene	16.19	77	167663	42.60	ng	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	23848	36.17	ng	97
65) n-Nitrosodiphenylamine	16.11	169	170589	38.97	ng	99
66) 4-Bromophenyl-phenylether	16.79	248	53735	37.55	ng	99
67) Hexachlorobenzene	16.91	284	59276	38.93	ng	97
68) Atrazine	17.05	200	53599	40.35	ng	99
69) Pentachlorophenol	17.25	266	66815	76.53	ng	97
70) Phenanthrene	17.65	178	300608	38.97	ng	100
71) Anthracene	17.74	178	301340	38.49	ng	100
72) Carbazole	18.01	167	277258	39.46	ng	99
73) Di-n-butylphthalate	18.54	149	343559	38.13	ng	100
74) Fluoranthene	19.64	202	321588	38.59	ng	99
76) Benzidine	19.81	184	83858	20.54	ng	98
77) Pyrene	20.00	202	329225	39.53	ng	99
79) Butylbenzylphthalate	20.87	149	156062	39.14	ng	99
80) Benzo(a)anthracene	21.87	228	300462	39.87	ng	99
81) 3,3'-Dichlorobenzidine	21.77	252	49859	17.82	ng	98
82) Chrysene	21.94	228	267614	37.76	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	227450	38.48	ng	99
84) Di-n-octyl phthalate	23.01	149	385998	39.78	ng	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	327018	40.12	ng	99
87) Benzo(b)fluoranthene	24.18	252	297578	40.02	ng	98
88) Benzo(k)fluoranthene	24.25	252	280200	38.46	ng	99
89) Benzo(a)pyrene	25.10	252	279571	39.46	ng	99
90) Dibenzo(a,h)anthracene	29.18	278	268326	38.95	ng	99
91) Benzo(g,h,i)perylene	30.33	276	265965	38.89	ng	98

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

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