Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020990.D
Acq On : 20 Feb 2016 2:48
Operator : SJ/UM
Sample : PB88447BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88447BS

Manual Integrations APPROVED
UMANGI
2/22/2016 10:55:40 AM

Quant Time: Feb 20 04:15:48 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	18728	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	92813	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	61930	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	138912	20.00	ng		0.00
75) Chrysene-d12	21.89	240	131264	20.00	ng		-0.02
86) Perylene-d12	25.25	264	124204	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	151559	136.28	ng		0.00
7) Phenol-d6	7.41	99	211845	130.33	ng		0.00
23) Nitrobenzene-d5	9.43	82	114111	80.84	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	87581	143.81	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	327053	74.18	ng		-0.01
78) Terphenyl-d14	20.19	244	463248	82.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	12856	31.79	ng	#	95
3) Pyridine	4.04	79	39519	33.04	ng		98
4) n-Nitrosodimethylamine	3.95	42	11982	38.29	ng		99
6) Aniline	7.58	93	33683	16.62	ng		98
8) 2-Chlorophenol	7.82	128	59404	42.76	ng		99
9) Benzaldehyde	7.39	77	9212	11.32	ng		96
10) Phenol	7.43	94	74059	43.05	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	51434	37.44	ng		99
12) 1,3-Dichlorobenzene	8.15	146	55556	37.82	ng		98
13) 1,4-Dichlorobenzene	8.29	146	57155	38.38	ng		99
14) 1,2-Dichlorobenzene	8.62	146	56124	38.74	ng		98
15) Benzyl Alcohol	8.49	79	43435	42.39	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	50422	35.18	ng		99
17) 2-Methylphenol	8.69	107	51996	41.96	ng		99
18) Hexachloroethane	9.35	117	19642	38.36	ng		94
19) n-Nitroso-di-n-propylamine	9.06	70	39106	37.29	ng		97
20) 3+4-Methylphenols	9.02	107	73303	42.45	ng		98
22) Acetophenone	9.09	105	81355	36.36	ng	#	99
24) Nitrobenzene	9.48	77	55850	37.96	ng		100
25) Isophorone	10.00	82	112202	37.71	ng		98
26) 2-Nitrophenol	10.19	139	32142	41.51	ng		97
27) 2,4-Dimethylphenol	10.24	122	61723	41.60	ng		95
28) bis(2-Chloroethoxy)methane	10.47	93	75440	41.15	ng		100
29) 2,4-Dichlorophenol	10.73	162	61085	45.93	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	52708	39.34	ng		96
31) Naphthalene	11.14	128	191196	39.82	ng		98
32) Benzoic acid	10.36	122	43393	36.46	ng		97
33) 4-Chloroaniline	11.24	127	17218	8.34	ng		96
34) Hexachlorobutadiene	11.41	225	26450	38.74	ng		99
35) Caprolactam	12.00	113	24830m	48.73	ng		
36) 4-Chloro-3-methylphenol	12.34	107	70614	46.34	ng		97
37) 2-Methylnaphthalene	12.72	142	148283	44.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	63109	34.74	ng		99
40) Hexachlorocyclopentadiene	13.06	237	56956	71.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	50376	41.28	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	55829	43.51	ng		99
45) 1,1'-Biphenyl	13.71	154	191634	35.08	ng		100
46) 2-Chloronaphthalene	13.76	162	144848	37.03	ng		100
47) 2-Nitroaniline	13.96	65	39423	42.09	ng		94
48) Acenaphthylene	14.60	152	265428	39.03	ng		99
49) Dimethylphthalate	14.32	163	198188	40.93	ng		99
50) 2,6-Dinitrotoluene	14.45	165	45510	43.85	ng		96
51) Acenaphthene	14.94	154	162814	39.48	ng		99
52) 3-Nitroaniline	14.77	138	25648	21.27	ng		95
53) 2,4-Dinitrophenol	14.97	184	41272	92.34	ng		92
54) Dibenzofuran	15.27	168	245470	45.00	ng		99
55) 4-Nitrophenol	15.07	139	84913	93.24	ng		96
56) 2,4-Dinitrotoluene	15.23	165	63537	47.37	ng		97
57) Fluorene	15.91	166	213638	42.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	49635	50.77	ng		98
59) Diethylphthalate	15.67	149	216079	43.41	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	90953	40.77	ng		95
61) 4-Nitroaniline	15.93	138	52761	43.59	ng		99
62) Azobenzene	16.19	77	176364	45.06	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	28599	41.37	ng		97
65) n-Nitrosodiphenylamine	16.11	169	182011	40.55	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	57255	39.03	ng		98
67) Hexachlorobenzene	16.91	284	63022	40.37	ng		99
68) Atrazine	17.05	200	58589	43.02	ng		99
69) Pentachlorophenol	17.25	266	73764	82.42	ng		95
70) Phenanthrene	17.65	178	323919	40.96	ng		99
71) Anthracene	17.74	178	324519	40.43	ng		99
72) Carbazole	18.00	167	298848	41.49	ng		99
73) Di-n-butylphthalate	18.55	149	365951	39.62	ng		100
74) Fluoranthene	19.64	202	347957	40.73	ng		98
76) Benzidine	19.81	184	97703	23.02	ng		98
77) Pyrene	20.00	202	358175	41.37	ng		99
79) Butylbenzylphthalate	20.87	149	166134	40.08	ng		98
80) Benzo(a)anthracene	21.86	228	321609	41.04	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	46893	16.12	ng		96
82) Chrysene	21.93	228	287646	39.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	242703	39.49	ng		99
84) Di-n-octyl phthalate	23.01	149	413476	40.99	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	353068	41.66	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	321615	42.31	ng		99
88) Benzo(k)fluoranthene	24.26	252	299043	40.15	ng		99
89) Benzo(a)pyrene	25.10	252	304195	42.00	ng		100
90) Dibenzo(a,h)anthracene	29.19	278	286363	40.66	ng		100
91) Benzo(g,h,i)perylene	30.34	276	274557	39.27	ng		99

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

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