Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
Data File : BG019161.D
Acq On : 12 Oct 2015 14:18
Operator : UM/NP
Sample : PB85991BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:28:32 PM

Quant Time: Oct 13 01:34:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17647	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	77516	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	53984	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	141411	20.00	ng		0.00
75) Chrysene-d12	21.68	240	171336	20.00	ng		0.00
86) Perylene-d12	24.91	264	168071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	108036	124.65	ng		0.00
7) Phenol-d6	7.20	99	163673	122.93	ng		0.00
23) Nitrobenzene-d5	9.20	82	110544	78.80	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	95924	130.40	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	272480	77.61	ng		0.00
78) Terphenyl-d14	20.02	244	516369	79.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	10447	28.66	ng		97
3) Pyridine	3.90	79	31688	28.43	ng		98
4) n-Nitrosodimethylamine	3.81	42	21810	34.51	ng		97
6) Aniline	7.36	93	34840	19.33	ng		98
8) 2-Chlorophenol	7.60	128	42974	39.51	ng		97
9) Benzaldehyde	7.17	77	15097	18.00	ng		97
10) Phenol	7.23	94	55081	39.73	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	36653	34.99	ng		99
12) 1,3-Dichlorobenzene	7.92	146	42056	35.42	ng		98
13) 1,4-Dichlorobenzene	8.07	146	43272	35.61	ng		96
14) 1,2-Dichlorobenzene	8.39	146	42055	35.77	ng		95
15) Benzyl Alcohol	8.27	79	43492	36.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	82697	36.85	ng		97
17) 2-Methylphenol	8.48	107	39239	39.63	ng		98
18) Hexachloroethane	9.12	117	16406	35.43	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	35383	33.49	ng		98
20) 3+4-Methylphenols	8.80	107	53296	37.37	ng		99
22) Acetophenone	8.85	105	65656	36.22	ng	#	97
24) Nitrobenzene	9.24	77	53681	36.06	ng		97
25) Isophorone	9.76	82	99250	34.78	ng		99
26) 2-Nitrophenol	9.95	139	23095	36.39	ng		95
27) 2,4-Dimethylphenol	10.01	122	42960	38.74	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	54883	36.04	ng		99
29) 2,4-Dichlorophenol	10.49	162	47171	40.57	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	46262	37.07	ng		94
31) Naphthalene	10.89	128	133538	35.79	ng		99
32) Benzoic acid	10.14	122	28688m	42.68	ng		
33) 4-Chloroaniline	10.99	127	18233	10.52	ng		96
34) Hexachlorobutadiene	11.18	225	32367	37.83	ng		98
35) Caprolactam	11.77	113	16071	37.53	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	58363	39.49	ng		99
37) 2-Methylnaphthalene	12.49	142	105155	36.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	58931	37.98	ng		98
40) Hexachlorocyclopentadiene	12.84	237	72575	89.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	41419	38.35	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	46750	40.73	ng	98
45) 1,1'-Biphenyl	13.50	154	142817	36.43	ng	98
46) 2-Chloronaphthalene	13.54	162	112610	37.33	ng	96
47) 2-Nitroaniline	13.74	65	45751	37.77	ng	96
48) Acenaphthylene	14.38	152	195131	36.68	ng	99
49) Dimethylphthalate	14.11	163	156601	36.73	ng	99
50) 2,6-Dinitrotoluene	14.24	165	34238	37.59	ng	96
51) Acenaphthene	14.72	154	116301	36.35	ng	99
52) 3-Nitroaniline	14.57	138	19601	19.50	ng	96
53) 2,4-Dinitrophenol	14.77	184	43090	80.14	ng	90
54) Dibenzofuran	15.06	168	186313	39.41	ng	97
55) 4-Nitrophenol	14.88	139	61513	80.87	ng	91
56) 2,4-Dinitrotoluene	15.02	165	52211	39.43	ng	97
57) Fluorene	15.71	166	157734	38.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	44726	41.16	ng	98
59) Diethylphthalate	15.48	149	166590	37.61	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	79877	38.23	ng	99
61) 4-Nitroaniline	15.73	138	39613	36.27	ng	95
62) Azobenzene	15.99	77	163655	39.85	ng	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	30305	39.25	ng	95
65) n-Nitrosodiphenylamine	15.92	169	141169	36.12	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	56753	39.49	ng	96
67) Hexachlorobenzene	16.72	284	65182	38.62	ng	96
68) Atrazine	16.86	200	61859	38.44	ng	97
69) Pentachlorophenol	17.06	266	77966	88.62	ng	95
70) Phenanthrene	17.45	178	275751	37.89	ng	99
71) Anthracene	17.54	178	283901	39.00	ng	100
72) Carbazole	17.81	167	256034	37.57	ng	99
73) Di-n-butylphthalate	18.37	149	322723	38.67	ng	99
74) Fluoranthene	19.46	202	355247	37.94	ng	99
76) Benzidine	19.64	184	131144	29.83	ng	99
77) Pyrene	19.82	202	359389	37.46	ng	98
79) Butylbenzylphthalate	20.71	149	143277	36.65	ng	97
80) Benzo(a)anthracene	21.66	228	344234	37.48	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	64912	19.11	ng	93
82) Chrysene	21.73	228	308951	35.44	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	205212	37.79	ng	97
84) Di-n-octyl phthalate	22.79	149	354107	37.75	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	396944	37.42	ng	100
87) Benzo(b)fluoranthene	23.88	252	351910	38.94	ng	99
88) Benzo(k)fluoranthene	23.95	252	336013	37.66	ng	98
89) Benzo(a)pyrene	24.76	252	335549	39.31	ng	99
90) Dibenzo(a,h)anthracene	28.66	278	344009	37.53	ng	98
91) Benzo(g,h,i)perylene	29.75	276	323872	37.99	ng	97

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

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