Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019947.D
Acq On : 5 Dec 2015 18:17
Operator : UM/NP
Sample : PB87054BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87054BSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:41 PM

Quant Time: Dec 07 02:28:14 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50351	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	220507	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	162099	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	416371	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	509987	20.00	ng		-0.03
86) Perylene-d12	25.04	264	490242	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	205782	73.87	ng		-0.01
7) Phenol-d6	7.26	99	298781	71.03	ng		-0.01
23) Nitrobenzene-d5	9.28	82	191884	44.41	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	154221	62.18	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	461040	38.83	ng		-0.02
78) Terphenyl-d14	20.09	244	856077	40.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	21546	19.85	ng	#	100
3) Pyridine	3.92	79	67746	20.55	ng		90
4) n-Nitrosodimethylamine	3.84	42	33808	19.50	ng		89
6) Aniline	7.43	93	65400	12.01	ng	#	88
8) 2-Chlorophenol	7.67	128	78090	22.99	ng		94
9) Benzaldehyde	7.24	77	26609	9.49	ng		92
10) Phenol	7.29	94	106184	23.99	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	70721	21.57	ng		91
12) 1,3-Dichlorobenzene	8.00	146	78874	20.48	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	79777	20.06	ng	#	94
14) 1,2-Dichlorobenzene	8.47	146	78646	20.73	ng	#	90
15) Benzyl Alcohol	8.35	79	81705	22.14	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	108533	20.30	ng		93
17) 2-Methylphenol	8.55	107	73622	23.56	ng	#	90
18) Hexachloroethane	9.21	117	30589	20.54	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	65937	19.88	ng		91
20) 3+4-Methylphenols	8.88	107	101668	23.10	ng		95
22) Acetophenone	8.94	105	118250	19.56	ng	#	91
24) Nitrobenzene	9.32	77	99776	21.29	ng	#	88
25) Isophorone	9.85	82	178459	19.27	ng		97
26) 2-Nitrophenol	10.04	139	43040	23.78	ng	#	76
27) 2,4-Dimethylphenol	10.09	122	86132	22.85	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	102402	22.62	ng		98
29) 2,4-Dichlorophenol	10.58	162	90534	23.51	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	87058	20.00	ng		95
31) Naphthalene	10.99	128	244356	20.69	ng		100
32) Benzoic acid	10.21	122	59438	26.47	ng		89
33) 4-Chloroaniline	11.09	127	40202	7.72	ng	#	92
34) Hexachlorobutadiene	11.27	225	59291	18.47	ng		96
35) Caprolactam	11.86	113	32140m	22.42	ng		
36) 4-Chloro-3-methylphenol	12.19	107	105717	22.04	ng		95
37) 2-Methylnaphthalene	12.58	142	186374	21.53	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	115570	18.79	ng		98
40) Hexachlorocyclopentadiene	12.93	237	128735	36.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	83045	20.39	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	94545	21.96	ng		95
45) 1,1'-Biphenyl	13.58	154	250298	18.82	ng		99
46) 2-Chloronaphthalene	13.62	162	203126	19.81	ng		96
47) 2-Nitroaniline	13.82	65	77035	23.79	ng		87
48) Acenaphthylene	14.47	152	344398	19.72	ng		98
49) Dimethylphthalate	14.19	163	284786	19.53	ng		98
50) 2,6-Dinitrotoluene	14.31	165	62183	22.68	ng	#	82
51) Acenaphthene	14.81	154	236321	22.30	ng		98
52) 3-Nitroaniline	14.64	138	41587	14.60	ng		99
53) 2,4-Dinitrophenol	14.84	184	63150	47.54	ng	#	83
54) Dibenzofuran	15.14	168	343162	21.77	ng		93
55) 4-Nitrophenol	14.94	139	107381	43.29	ng	#	69
56) 2,4-Dinitrotoluene	15.10	165	91207	23.85	ng	#	94
57) Fluorene	15.79	166	280555	19.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	89602	22.49	ng		97
59) Diethylphthalate	15.55	149	301461	19.10	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	153661	18.96	ng		96
61) 4-Nitroaniline	15.80	138	69756	21.78	ng	#	82
62) Azobenzene	16.07	77	285500	21.74	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	52886	25.84	ng		91
65) n-Nitrosodiphenylamine	15.99	169	258858	21.48	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	102556	19.82	ng		96
67) Hexachlorobenzene	16.79	284	113976	21.15	ng		99
68) Atrazine	16.93	200	109573	20.93	ng		98
69) Pentachlorophenol	17.13	266	143907	45.75	ng		98
70) Phenanthrene	17.53	178	489061	20.76	ng		96
71) Anthracene	17.62	178	504375	21.02	ng		96
72) Carbazole	17.88	167	453233	21.44	ng		99
73) Di-n-butylphthalate	18.44	149	540620	20.87	ng		98
74) Fluoranthene	19.53	202	619809	20.57	ng		95
76) Benzidine	19.71	184	128570	7.67	ng		98
77) Pyrene	19.89	202	644332	21.48	ng		96
79) Butylbenzylphthalate	20.77	149	248449	21.13	ng		98
80) Benzo(a)anthracene	21.74	228	649929	20.82	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	131264	11.04	ng		97
82) Chrysene	21.81	228	586004	19.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	360019	20.86	ng		98
84) Di-n-octyl phthalate	22.88	149	618988	22.06	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	717556	21.98	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	633954	20.40	ng	#	97
88) Benzo(k)fluoranthene	24.07	252	606824	19.72	ng	#	97
89) Benzo(a)pyrene	24.88	252	603325	20.45	ng	#	96
90) Dibenzo(a,h)anthracene	28.86	278	593163	20.35	ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	587476	20.53	ng		95

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

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