Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024109.D
Acq On : 24 Sep 2016 5:00
Operator : UM/SJ
Sample : PB93571BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Manual Integrations APPROVED
sohil
9/26/2016 6:41:05 PM

Quant Time: Sep 24 05:37:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36669	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	180563	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	163851	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	381835	20.00	ng		0.00
75) Chrysene-d12	21.79	240	404909	20.00	ng		0.00
86) Perylene-d12	25.12	264	399007	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	297122	140.38	ng		0.00
7) Phenol-d6	7.21	99	474962	133.36	ng		0.00
23) Nitrobenzene-d5	9.22	82	338892	73.97	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	265461	112.71	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	716538	73.51	ng		0.00
78) Terphenyl-d14	20.09	244	1311293	66.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	28915	35.69	ng		92
3) Pyridine	3.84	79	94204	32.90	ng		97
4) n-Nitrosodimethylamine	3.76	42	52851	36.42	ng	#	92
6) Aniline	7.36	93	86620	17.32	ng		97
8) 2-Chlorophenol	7.60	128	104190	41.12	ng		97
9) Benzaldehyde	7.19	77	17291	8.92	ng	#	75
10) Phenol	7.23	94	161253	43.07	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	108954	36.90	ng		90
12) 1,3-Dichlorobenzene	7.93	146	107006	37.87	ng		97
13) 1,4-Dichlorobenzene	8.07	146	107894	37.42	ng		96
14) 1,2-Dichlorobenzene	8.40	146	105744	37.68	ng		89
15) Benzyl Alcohol	8.29	79	130299	37.80	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	145850	35.78	ng		95
17) 2-Methylphenol	8.50	107	108344	43.53	ng		97
18) Hexachloroethane	9.12	117	44150	36.34	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	122697	35.08	ng		98
20) 3+4-Methylphenols	8.84	107	153630	42.50	ng		94
22) Acetophenone	8.88	105	170919	32.81	ng	#	95
24) Nitrobenzene	9.26	77	176361	35.91	ng		97
25) Isophorone	9.78	82	332976	35.63	ng	#	95
26) 2-Nitrophenol	9.98	139	63026	36.18	ng		91
27) 2,4-Dimethylphenol	10.04	122	111372	38.24	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	171445	37.73	ng		99
29) 2,4-Dichlorophenol	10.53	162	130064	42.90	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	120400	37.11	ng		97
31) Naphthalene	10.92	128	350911	38.36	ng		99
32) Benzoic acid	10.21	122	52295	25.43	ng	#	90
33) 4-Chloroaniline	11.06	127	46353	11.35	ng		94
34) Hexachlorobutadiene	11.19	225	89296	34.96	ng		99
35) Caprolactam	11.83	113	48752m	39.54	ng		
36) 4-Chloro-3-methylphenol	12.18	107	171865	40.29	ng		97
37) 2-Methylnaphthalene	12.53	142	274216	39.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	144369	30.18	ng		99
40) Hexachlorocyclopentadiene	12.87	237	133531	63.09	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	118138	38.19	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	124965	39.26	ng	#	92
45) 1,1'-Biphenyl	13.54	154	358521	32.00	ng		99
46) 2-Chloronaphthalene	13.59	162	313742	37.50	ng		97
47) 2-Nitroaniline	13.81	65	153572	39.45	ng		95
48) Acenaphthylene	14.44	152	530949	37.38	ng		99
49) Dimethylphthalate	14.17	163	484206	38.52	ng		98
50) 2,6-Dinitrotoluene	14.30	165	103292	39.12	ng		96
51) Acenaphthene	14.78	154	331640	38.50	ng		97
52) 3-Nitroaniline	14.65	138	44924	17.04	ng	#	94
53) 2,4-Dinitrophenol	14.86	184	123893	67.54	ng		93
54) Dibenzofuran	15.12	168	551097	41.09	ng		99
55) 4-Nitrophenol	14.98	139	137224	66.50	ng	#	83
56) 2,4-Dinitrotoluene	15.10	165	156232	38.88	ng	#	84
57) Fluorene	15.77	166	457605	39.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	136343	44.35	ng		93
59) Diethylphthalate	15.53	149	525531	38.82	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	243136	38.88	ng		98
61) 4-Nitroaniline	15.82	138	92223	33.76	ng		94
62) Azobenzene	16.05	77	597062	43.41	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	91927	34.67	ng		93
65) n-Nitrosodiphenylamine	15.97	169	425155	40.70	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	172874	39.03	ng		98
67) Hexachlorobenzene	16.79	284	186160	37.30	ng		97
68) Atrazine	16.93	200	177190	38.43	ng		96
69) Pentachlorophenol	17.14	266	162078	63.44	ng		97
70) Phenanthrene	17.53	178	807088	41.50	ng		98
71) Anthracene	17.62	178	830253	41.56	ng		95
72) Carbazole	17.90	167	727776	39.13	ng		96
73) Di-n-butylphthalate	18.43	149	910914	37.42	ng		96
74) Fluoranthene	19.54	202	972772	38.31	ng		94
76) Benzidine	19.73	184	111779	9.75	ng		97
77) Pyrene	19.90	202	958518	33.90	ng		94
79) Butylbenzylphthalate	20.77	149	391673	37.62	ng		98
80) Benzo(a)anthracene	21.77	228	918324	39.84	ng		94
81) 3,3'-Dichlorobenzidine	21.68	252	167262	20.25	ng	#	99
82) Chrysene	21.84	228	854028	39.42	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	560223	45.04	ng	#	93
84) Di-n-octyl phthalate	22.88	149	954526	44.47	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1045020	43.25	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	933042	40.19	ng	#	96
88) Benzo(k)fluoranthene	24.13	252	885287	38.40	ng	#	99
89) Benzo(a)pyrene	24.97	252	895443	39.90	ng	#	95
90) Dibenzo(a,h)anthracene	28.99	278	860898	38.42	ng	#	96
91) Benzo(g,h,i)perylene	30.14	276	864749	38.30	ng	#	97

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

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