Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
Data File : BG024024.D
Acq On : 19 Sep 2016 18:53
Operator : UM/SJ
Sample : PB93461BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93461BS

Quant Time: Sep 20 01:07:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 01:00:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38419	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	187117	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	168920	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	407398	20.00	ng		0.00
75) Chrysene-d12	21.80	240	436784	20.00	ng		0.00
86) Perylene-d12	25.14	264	431994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	305709	139.70	ng		0.00
7) Phenol-d6	7.23	99	466061	138.36	ng		0.00
23) Nitrobenzene-d5	9.24	82	352359	84.07	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	318157	104.54	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	773684	65.67	ng		0.00
78) Terphenyl-d14	20.10	244	1425932	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	29414	32.59	ng		97
3) Pyridine	3.87	79	95449	35.19	ng		97
4) n-Nitrosodimethylamine	3.78	42	63013	44.07	ng	#	97
6) Aniline	7.38	93	128051	28.64	ng		98
8) 2-Chlorophenol	7.62	128	111432	43.96	ng		97
9) Benzaldehyde	7.20	77	17302	7.23	ng	#	83
10) Phenol	7.26	94	165269	46.64	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	108443	38.89	ng		89
12) 1,3-Dichlorobenzene	7.94	146	113648	38.30	ng		97
13) 1,4-Dichlorobenzene	8.09	146	116928	37.20	ng		93
14) 1,2-Dichlorobenzene	8.41	146	110770	37.54	ng		98
15) Benzyl Alcohol	8.31	79	147020	49.50	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	145942	39.05	ng		96
17) 2-Methylphenol	8.52	107	107708	45.11	ng		95
18) Hexachloroethane	9.14	117	47779	39.47	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	122874	41.29	ng		97
20) 3+4-Methylphenols	8.85	107	149723	45.00	ng		98
22) Acetophenone	8.89	105	173245	35.76	ng	#	96
24) Nitrobenzene	9.28	77	190966	42.37	ng	#	93
25) Isophorone	9.80	82	332505	40.91	ng		96
26) 2-Nitrophenol	9.99	139	66933	39.06	ng		97
27) 2,4-Dimethylphenol	10.06	122	124884	42.89	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	170758	41.61	ng		95
29) 2,4-Dichlorophenol	10.55	162	139717	45.29	ng		93
30) 1,2,4-Trichlorobenzene	10.75	180	135671	40.09	ng		96
31) Naphthalene	10.94	128	365230	37.88	ng		99
32) Benzoic acid	10.22	122	68055m	28.78	ng		
33) 4-Chloroaniline	11.06	127	72215	17.94	ng		96
34) Hexachlorobutadiene	11.21	225	105272	41.42	ng		96
35) Caprolactam	11.85	113	47903m	44.05	ng		
36) 4-Chloro-3-methylphenol	12.19	107	177920	43.16	ng		97
37) 2-Methylnaphthalene	12.55	142	291885	39.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	167178	29.82	ng		99
40) Hexachlorocyclopentadiene	12.88	237	202672	61.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	128562	34.36	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	131607	34.80	ng		96
45) 1,1'-Biphenyl	13.55	154	393974	29.00	ng		98
46) 2-Chloronaphthalene	13.60	162	336941	33.78	ng		98
47) 2-Nitroaniline	13.82	65	158868	40.43	ng		99
48) Acenaphthylene	14.45	152	557796	33.55	ng		96
49) Dimethylphthalate	14.18	163	506775	34.99	ng		98
50) 2,6-Dinitrotoluene	14.31	165	111093	36.33	ng		97
51) Acenaphthene	14.79	154	358016	34.83	ng		96
52) 3-Nitroaniline	14.66	138	64748	22.64	ng		90
53) 2,4-Dinitrophenol	14.87	184	122977	57.05	ng		93
54) Dibenzofuran	15.13	168	595455	37.11	ng		99
55) 4-Nitrophenol	14.99	139	141848	62.34	ng	#	78
56) 2,4-Dinitrotoluene	15.11	165	162932	36.25	ng	#	87
57) Fluorene	15.78	166	494705	35.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	149863	39.04	ng		94
59) Diethylphthalate	15.54	149	544917	35.24	ng		100
60) 4-Chlorophenyl-phenylether	15.77	204	265929	35.51	ng		98
61) 4-Nitroaniline	15.83	138	99255	34.33	ng		89
62) Azobenzene	16.06	77	626188	41.81	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	101721	35.96	ng		91
65) n-Nitrosodiphenylamine	15.99	169	457841	39.57	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	201306	40.61	ng		99
67) Hexachlorobenzene	16.80	284	210717	36.25	ng		96
68) Atrazine	16.94	200	197488	39.67	ng		96
69) Pentachlorophenol	17.15	266	200970	65.09	ng		99
70) Phenanthrene	17.54	178	863924	40.76	ng		99
71) Anthracene	17.63	178	894091	41.36	ng		96
72) Carbazole	17.91	167	758102	38.64	ng		97
73) Di-n-butylphthalate	18.44	149	928700	39.68	ng		97
74) Fluoranthene	19.55	202	1023212	40.10	ng		96
76) Benzidine	19.74	184	348283	25.75	ng		96
77) Pyrene	19.91	202	1021207	38.02	ng		93
79) Butylbenzylphthalate	20.78	149	394029	38.05	ng		98
80) Benzo(a)anthracene	21.78	228	1014867	41.51	ng		93
81) 3,3'-Dichlorobenzidine	21.69	252	240924	24.65	ng	#	92
82) Chrysene	21.85	228	953312	40.96	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	567901	40.05	ng		96
84) Di-n-octyl phthalate	22.90	149	983393	42.29	ng		99
85) Indeno(1,2,3-cd)pyrene	28.98	276	1205056	46.77	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1061184	43.24	ng	#	98
88) Benzo(k)fluoranthene	24.14	252	1035438	42.55	ng	#	98
89) Benzo(a)pyrene	24.98	252	1035798	44.45	ng	#	96
90) Dibenzo(a,h)anthracene	29.03	278	998069	43.55	ng	#	96
91) Benzo(g,h,i)perylene	30.17	276	995085	45.15	ng	#	98

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

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