Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024016.D
Acq On : 17 Sep 2016 5:35
Operator : UM/SJ
Sample : PB93419BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93419BS

Quant Time: Sep 17 06:30:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 04:50:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39997	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	189986	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	170601	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	394725	20.00	ng		0.00
75) Chrysene-d12	21.80	240	438178	20.00	ng		0.00
86) Perylene-d12	25.15	264	444703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	360706	158.33	ng		0.00
7) Phenol-d6	7.22	99	547168	156.03	ng		0.00
23) Nitrobenzene-d5	9.23	82	414879	97.49	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	352952	114.83	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	917364	77.09	ng		0.00
78) Terphenyl-d14	20.10	244	1574700	81.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	35943	38.26	ng		96
3) Pyridine	3.86	79	114027	40.38	ng		96
4) n-Nitrosodimethylamine	3.78	42	71648	48.14	ng	#	93
6) Aniline	7.38	93	157129	33.76	ng		96
8) 2-Chlorophenol	7.62	128	132489	50.20	ng		99
9) Benzaldehyde	7.19	77	16851	6.76	ng	#	85
10) Phenol	7.25	94	189056	51.24	ng		92
11) bis(2-Chloroethyl)ether	7.46	93	121819	41.97	ng		90
12) 1,3-Dichlorobenzene	7.94	146	133919	43.35	ng		97
13) 1,4-Dichlorobenzene	8.09	146	136799	41.80	ng		91
14) 1,2-Dichlorobenzene	8.41	146	133596	43.49	ng		94
15) Benzyl Alcohol	8.30	79	178300	57.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	165070	42.43	ng		96
17) 2-Methylphenol	8.51	107	130429	52.48	ng		94
18) Hexachloroethane	9.14	117	57251	45.43	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	151153	48.79	ng		93
20) 3+4-Methylphenols	8.85	107	185017	53.41	ng		99
22) Acetophenone	8.89	105	209143	42.52	ng	#	98
24) Nitrobenzene	9.28	77	227003	49.61	ng		99
25) Isophorone	9.80	82	402461	48.77	ng		97
26) 2-Nitrophenol	10.00	139	83935	48.25	ng		91
27) 2,4-Dimethylphenol	10.05	122	149616	50.60	ng		94
28) bis(2-Chloroethoxy)methane	10.28	93	205354	49.28	ng		96
29) 2,4-Dichlorophenol	10.55	162	168334	53.74	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	157845	45.94	ng		97
31) Naphthalene	10.94	128	444829	45.44	ng		98
32) Benzoic acid	10.23	122	81103	33.78	ng		93
33) 4-Chloroaniline	11.06	127	73315	17.93	ng		94
34) Hexachlorobutadiene	11.21	225	123022	47.67	ng		93
35) Caprolactam	11.86	113	54466m	49.33	ng		
36) 4-Chloro-3-methylphenol	12.19	107	213317	50.96	ng		95
37) 2-Methylnaphthalene	12.54	142	358444	48.13	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	201570	35.60	ng		97
40) Hexachlorocyclopentadiene	12.88	237	246704	72.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	161015	42.61	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	158544	41.50	ng		94
45) 1,1'-Biphenyl	13.56	154	462736	33.72	ng		99
46) 2-Chloronaphthalene	13.60	162	405565	40.26	ng		97
47) 2-Nitroaniline	13.82	65	188014	47.38	ng		97
48) Acenaphthylene	14.45	152	664430	39.57	ng		97
49) Dimethylphthalate	14.18	163	591159	40.41	ng		99
50) 2,6-Dinitrotoluene	14.31	165	128301	41.55	ng		91
51) Acenaphthene	14.79	154	411064	39.60	ng		97
52) 3-Nitroaniline	14.65	138	72670	25.16	ng		81
53) 2,4-Dinitrophenol	14.87	184	151048	67.97	ng	#	90
54) Dibenzofuran	15.13	168	694089	42.84	ng		99
55) 4-Nitrophenol	14.98	139	165153	71.86	ng		86
56) 2,4-Dinitrotoluene	15.11	165	193444	42.62	ng	#	85
57) Fluorene	15.78	166	578157	41.15	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.36	232	182743	47.13	ng		97
59) Diethylphthalate	15.54	149	625846	40.07	ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	315257	41.68	ng		99
61) 4-Nitroaniline	15.83	138	111026	38.02	ng		94
62) Azobenzene	16.06	77	724081	47.87	ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	119474	43.60	ng		92
65) n-Nitrosodiphenylamine	15.99	169	526801	46.99	ng		94
66) 4-Bromophenyl-phenylether	16.67	248	229735	47.84	ng		97
67) Hexachlorobenzene	16.79	284	245790	43.64	ng		95
68) Atrazine	16.94	200	221741	45.97	ng		97
69) Pentachlorophenol	17.15	266	240517	80.40	ng		98
70) Phenanthrene	17.54	178	981507	47.80	ng		98
71) Anthracene	17.63	178	991303	47.33	ng		98
72) Carbazole	17.91	167	866818	45.60	ng		98
73) Di-n-butylphthalate	18.44	149	1049746	46.29	ng		98
74) Fluoranthene	19.55	202	1160187	46.93	ng		95
76) Benzidine	19.74	184	343479	25.31	ng		98
77) Pyrene	19.92	202	1157670	42.96	ng		94
79) Butylbenzylphthalate	20.79	149	472277	45.46	ng		98
80) Benzo(a)anthracene	21.78	228	1164694	47.48	ng		94
81) 3,3'-Dichlorobenzidine	21.70	252	279681	28.53	ng	#	100
82) Chrysene	21.85	228	1091079	46.73	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	659334	46.35	ng		95
84) Di-n-octyl phthalate	22.90	149	1144120	49.04	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	1405509	54.37	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1224715m	48.48	ng		
88) Benzo(k)fluoranthene	24.15	252	1183639	47.25	ng	#	98
89) Benzo(a)pyrene	24.99	252	1193909	49.77	ng		97
90) Dibenzo(a,h)anthracene	29.03	278	1151038	48.79	ng	#	93
91) Benzo(g,h,i)perylene	30.17	276	1150967	50.73	ng	#	95

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

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