Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023975.D
Acq On : 9 Sep 2016 15:44
Operator : UM/SJ
Sample : PB93314BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93314BS

Quant Time: Sep 09 16:25:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:25:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54243	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	263432	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	199004	20.00	ng		0.01
63) Phenanthrene-d10	17.50	188	459991	20.00	ng		0.01
75) Chrysene-d12	21.81	240	422091	20.00	ng		0.00
86) Perylene-d12	25.17	264	437453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	414641	134.21	ng		0.00
7) Phenol-d6	7.24	99	626354	131.70	ng		0.00
23) Nitrobenzene-d5	9.25	82	451241	76.47	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	349297	97.42	ng		0.01
44) 2-Fluorobiphenyl	13.35	172	986271	71.06	ng		0.01
78) Terphenyl-d14	20.11	244	1328015	71.65	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	41867	32.86	ng		91
3) Pyridine	3.87	79	135724	35.44	ng		97
4) n-Nitrosodimethylamine	3.79	42	81014	40.13	ng	#	89
6) Aniline	7.39	93	169970	26.92	ng		99
8) 2-Chlorophenol	7.63	128	146572	40.95	ng		98
9) Benzaldehyde	7.20	77	24368	7.21	ng		83
10) Phenol	7.26	94	215978	43.17	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	145817	37.04	ng		86
12) 1,3-Dichlorobenzene	7.95	146	155017	37.00	ng		97
13) 1,4-Dichlorobenzene	8.09	146	160918	36.26	ng		89
14) 1,2-Dichlorobenzene	8.42	146	155600	37.35	ng		94
15) Benzyl Alcohol	8.31	79	194034	46.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197872	37.50	ng		93
17) 2-Methylphenol	8.52	107	141981	42.12	ng		95
18) Hexachloroethane	9.15	117	68400	40.03	ng		94
19) n-Nitroso-di-n-propylamine	8.88	70	161061	38.33	ng		96
20) 3+4-Methylphenols	8.86	107	199901	42.55	ng		96
22) Acetophenone	8.90	105	230486	33.79	ng	#	97
24) Nitrobenzene	9.29	77	255255	40.23	ng		96
25) Isophorone	9.81	82	425638	37.20	ng		98
26) 2-Nitrophenol	10.00	139	94287	39.09	ng		96
27) 2,4-Dimethylphenol	10.06	122	165069	40.27	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	230454	39.89	ng		97
29) 2,4-Dichlorophenol	10.56	162	182407	42.00	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	185681	38.98	ng		98
31) Naphthalene	10.94	128	490136	36.11	ng		99
32) Benzoic acid	10.23	122	72475	21.77	ng		97
33) 4-Chloroaniline	11.07	127	95345	16.82	ng		96
34) Hexachlorobutadiene	11.22	225	146274	40.88	ng		90
35) Caprolactam	11.87	113	54625	35.68	ng	#	86
36) 4-Chloro-3-methylphenol	12.20	107	220173	37.94	ng		99
37) 2-Methylnaphthalene	12.55	142	397105	38.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	227206	34.40	ng		98
40) Hexachlorocyclopentadiene	12.89	237	282324	71.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164356	37.29	ng		94
43) 2,4,5-Trichlorophenol	13.26	196	169610	38.06	ng		96
45) 1,1'-Biphenyl	13.56	154	492497	30.77	ng		99
46) 2-Chloronaphthalene	13.61	162	433147	36.86	ng		98
47) 2-Nitroaniline	13.83	65	188070	40.63	ng		98
48) Acenaphthylene	14.46	152	688076	35.13	ng		97
49) Dimethylphthalate	14.19	163	588821	34.51	ng		97
50) 2,6-Dinitrotoluene	14.32	165	127131	35.29	ng		95
51) Acenaphthene	14.80	154	436150	36.02	ng		96
52) 3-Nitroaniline	14.66	138	79704	23.65	ng	#	73
53) 2,4-Dinitrophenol	14.88	184	125788	50.39	ng		94
54) Dibenzofuran	15.14	168	730065	38.63	ng		98
55) 4-Nitrophenol	14.99	139	156860	58.51	ng	#	78
56) 2,4-Dinitrotoluene	15.11	165	187039	35.32	ng	#	89
57) Fluorene	15.79	166	587251	35.83	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	173922	38.45	ng		94
59) Diethylphthalate	15.55	149	620520	34.06	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	323091	36.62	ng		99
61) 4-Nitroaniline	15.84	138	106922	31.39	ng		96
62) Azobenzene	16.07	77	710148	40.25	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	109109	34.17	ng		99
65) n-Nitrosodiphenylamine	16.00	169	527729	40.39	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	232524	41.55	ng		99
67) Hexachlorobenzene	16.80	284	244623	37.27	ng		96
68) Atrazine	16.95	200	202903	36.10	ng		97
69) Pentachlorophenol	17.16	266	218702	62.74	ng		98
70) Phenanthrene	17.55	178	934488	39.05	ng		98
71) Anthracene	17.63	178	930313	38.11	ng		98
72) Carbazole	17.92	167	752704	33.98	ng		97
73) Di-n-butylphthalate	18.45	149	932980	35.30	ng		96
74) Fluoranthene	19.56	202	980259	34.02	ng		96
76) Benzidine	19.74	184	368883	28.22	ng		98
77) Pyrene	19.93	202	970301	37.38	ng		95
79) Butylbenzylphthalate	20.80	149	370610	37.03	ng		98
80) Benzo(a)anthracene	21.79	228	942957	39.91	ng		94
81) 3,3'-Dichlorobenzidine	21.71	252	216171	22.89	ng	#	99
82) Chrysene	21.86	228	875578	38.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	516706	37.71	ng		95
84) Di-n-octyl phthalate	22.92	149	881027	39.21	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	1085565	43.59	ng	#	100
87) Benzo(b)fluoranthene	24.10	252	982400	39.53	ng		98
88) Benzo(k)fluoranthene	24.17	252	910946	36.97	ng	#	97
89) Benzo(a)pyrene	25.01	252	928932	39.37	ng	#	99
90) Dibenzo(a,h)anthracene	29.08	278	893429	38.50	ng		97
91) Benzo(g,h,i)perylene	30.22	276	903261	40.47	ng		96

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

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