Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
Data File : BG024022.D
Acq On : 19 Sep 2016 17:36
Operator : UM/SJ
Sample : PB93439BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93439BS

Quant Time: Sep 20 01:03:39 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	40565	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	186993	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	170892	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	408289	20.00	ng		0.00
75) Chrysene-d12	21.80	240	441773	20.00	ng		0.00
86) Perylene-d12	25.14	264	449648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	298422	129.16	ng		0.00
7) Phenol-d6	7.23	99	454821	127.88	ng		0.00
23) Nitrobenzene-d5	9.24	82	351235	83.86	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	290938	94.49	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	751382	63.04	ng		0.00
78) Terphenyl-d14	20.10	244	1370536	70.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	27524	28.89	ng		93
3) Pyridine	3.87	79	95706	33.42	ng		98
4) n-Nitrosodimethylamine	3.78	42	61463	40.72	ng	#	80
6) Aniline	7.38	93	128191	27.15	ng		98
8) 2-Chlorophenol	7.62	128	107537	40.17	ng		87
9) Benzaldehyde	7.20	77	15257	6.04	ng		91
10) Phenol	7.26	94	158720	42.42	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	103220	35.06	ng		90
12) 1,3-Dichlorobenzene	7.94	146	107846	34.42	ng		96
13) 1,4-Dichlorobenzene	8.09	146	117254	35.33	ng		94
14) 1,2-Dichlorobenzene	8.41	146	110997	35.63	ng	#	91
15) Benzyl Alcohol	8.31	79	139081	44.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	142502	36.11	ng		93
17) 2-Methylphenol	8.51	107	108458	43.03	ng		99
18) Hexachloroethane	9.14	117	48677	38.09	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	122292	38.92	ng		96
20) 3+4-Methylphenols	8.85	107	146468	41.69	ng		95
22) Acetophenone	8.89	105	166061	34.30	ng	#	97
24) Nitrobenzene	9.28	77	181511	40.30	ng		96
25) Isophorone	9.80	82	320220	39.42	ng		97
26) 2-Nitrophenol	9.99	139	67383	39.35	ng		96
27) 2,4-Dimethylphenol	10.06	122	120547	41.43	ng		100
28) bis(2-Chloroethoxy)methane	10.28	93	168802	41.16	ng		97
29) 2,4-Dichlorophenol	10.55	162	133571	43.32	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	130733	38.66	ng		94
31) Naphthalene	10.94	128	359052	37.26	ng		100
32) Benzoic acid	10.22	122	59997	25.39	ng		97
33) 4-Chloroaniline	11.07	127	78606	19.54	ng		90
34) Hexachlorobutadiene	11.21	225	102300	40.28	ng		97
35) Caprolactam	11.84	113	44675	41.11	ng	#	81
36) 4-Chloro-3-methylphenol	12.20	107	172018	41.75	ng		98
37) 2-Methylnaphthalene	12.55	142	281896	38.46	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	163689	28.86	ng		99
40) Hexachlorocyclopentadiene	12.88	237	193554	58.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	126782	33.49	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	131565	34.38	ng		92
45) 1,1'-Biphenyl	13.55	154	374277	27.23	ng		97
46) 2-Chloronaphthalene	13.61	162	334591	33.16	ng		96
47) 2-Nitroaniline	13.82	65	152699	38.42	ng		96
48) Acenaphthylene	14.45	152	533916	31.74	ng		99
49) Dimethylphthalate	14.18	163	482981	32.96	ng		99
50) 2,6-Dinitrotoluene	14.31	165	105276	34.03	ng		99
51) Acenaphthene	14.79	154	346687	33.34	ng		99
52) 3-Nitroaniline	14.65	138	68268	23.59	ng		88
53) 2,4-Dinitrophenol	14.87	184	119459	55.03	ng		94
54) Dibenzofuran	15.13	168	566926	34.93	ng		98
55) 4-Nitrophenol	14.99	139	133653	58.06	ng	#	80
56) 2,4-Dinitrotoluene	15.11	165	152962	33.64	ng		87
57) Fluorene	15.78	166	472879	33.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	144039	37.09	ng		96
59) Diethylphthalate	15.54	149	522030	33.37	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	249510	32.93	ng		96
61) 4-Nitroaniline	15.83	138	94066	32.16	ng		94
62) Azobenzene	16.06	77	591563	39.04	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	94844	33.46	ng		89
65) n-Nitrosodiphenylamine	15.99	169	436423	37.63	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	189600	38.17	ng		96
67) Hexachlorobenzene	16.79	284	198028	33.99	ng		95
68) Atrazine	16.94	200	183702	36.82	ng		98
69) Pentachlorophenol	17.15	266	189254	61.16	ng		97
70) Phenanthrene	17.54	178	832430	39.19	ng		98
71) Anthracene	17.63	178	828907	38.26	ng		96
72) Carbazole	17.91	167	709898	36.11	ng		97
73) Di-n-butylphthalate	18.44	149	862881	36.79	ng		98
74) Fluoranthene	19.55	202	969491	37.91	ng		95
76) Benzidine	19.74	184	373359	27.29	ng		96
77) Pyrene	19.92	202	973823	35.84	ng		94
79) Butylbenzylphthalate	20.78	149	387230	36.97	ng		100
80) Benzo(a)anthracene	21.78	228	979871	39.62	ng		93
81) 3,3'-Dichlorobenzidine	21.70	252	237161	23.99	ng	#	99
82) Chrysene	21.85	228	936482	39.78	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	537050	37.45	ng		96
84) Di-n-octyl phthalate	22.90	149	929633	39.53	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1164690	44.69	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1018289	39.87	ng		98
88) Benzo(k)fluoranthene	24.15	252	996675	39.35	ng	#	97
89) Benzo(a)pyrene	24.98	252	982968	40.53	ng	#	99
90) Dibenzo(a,h)anthracene	29.03	278	954475	40.01	ng	#	95
91) Benzo(g,h,i)perylene	30.17	276	960236	41.86	ng	#	97

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

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