Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088232.D
Acq On : 22 Jun 2016 00:37
Operator : UM/SJ
Sample : PB91503BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91503BS

Quant Time: Jun 22 01:41:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	82398	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	322188	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	156980	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	278068	20.00	ng		0.00
75) Chrysene-d12	13.79	240	208217	20.00	ng		0.00
86) Perylene-d12	15.17	264	164813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	486585	100.95	ng		0.00
7) Phenol-d6	6.31	99	555948	95.18	ng		0.00
23) Nitrobenzene-d5	7.22	82	351356	63.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	144309	87.06	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	706115	69.66	ng		0.00
78) Terphenyl-d14	12.74	244	597655	65.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	63462	27.10	ng	#	39
3) Pyridine	2.84	79	180050	32.56	ng		93
4) n-Nitrosodimethylamine	2.80	42	69117	29.51	ng		79
6) Aniline	6.32	93	130759	15.73	ng	#	1
8) 2-Chlorophenol	6.43	128	191323	33.54	ng		100
10) Phenol	6.32	94	218696	35.75	ng		76
11) bis(2-Chloroethyl)ether	6.40	93	184468	36.02	ng	#	82
12) 1,3-Dichlorobenzene	6.59	146	200113	32.69	ng	#	92
13) 1,4-Dichlorobenzene	6.67	146	202631	32.86	ng		95
14) 1,2-Dichlorobenzene	6.82	146	195232	34.82	ng		97
15) Benzyl Alcohol	6.81	79	137475	30.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	194740	28.14	ng	#	35
17) 2-Methylphenol	6.92	107	148114	32.01	ng		98
18) Hexachloroethane	7.15	117	74278	33.95	ng	#	82
19) n-Nitroso-di-n-propylamine	7.07	70	115006	30.78	ng		90
20) 3+4-Methylphenols	7.08	107	203021	37.61	ng	#	80
22) Acetophenone	7.07	105	266389	37.00	ng	#	96
24) Nitrobenzene	7.24	77	190707	35.68	ng		97
25) Isophorone	7.48	82	351050	34.35	ng		96
26) 2-Nitrophenol	7.56	139	104066	36.35	ng	#	71
27) 2,4-Dimethylphenol	7.61	122	179214	34.00	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	229672	36.23	ng		98
29) 2,4-Dichlorophenol	7.80	162	163623	37.18	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	166493	34.74	ng		96
31) Naphthalene	7.95	128	544304	34.14	ng		99
32) Benzoic acid	7.75	122	87298	30.08	ng		95
33) 4-Chloroaniline	8.02	127	82374	11.57	ng	#	92
34) Hexachlorobutadiene	8.08	225	88583	35.05	ng		99
35) Caprolactam	8.39	113	53183m	36.48	ng		
36) 4-Chloro-3-methylphenol	8.51	107	160263	34.05	ng		96
37) 2-Methylnaphthalene	8.65	142	377537	35.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	152797	34.65	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	80241	31.69	ng		98
42) 2,4,6-Trichlorophenol	8.94	196	98266	31.30	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	96237	29.47	ng	#	81
45) 1,1'-Biphenyl	9.12	154	442500	36.36	ng		95
46) 2-Chloronaphthalene	9.14	162	343224	33.79	ng	#	91
47) 2-Nitroaniline	9.24	65	101281	33.80	ng	#	71
48) Acenaphthylene	9.55	152	528977	32.74	ng		98
49) Dimethylphthalate	9.43	163	417325	36.70	ng		99
50) 2,6-Dinitrotoluene	9.48	165	90503	34.75	ng	#	73
51) Acenaphthene	9.72	154	315693	31.32	ng		100
52) 3-Nitroaniline	9.66	138	48535	16.15	ng	#	79
53) 2,4-Dinitrophenol	9.77	184	69735	53.73	ng	#	86
54) Dibenzofuran	9.90	168	467711	33.69	ng		95
55) 4-Nitrophenol	9.84	139	92057	39.47	ng		97
56) 2,4-Dinitrotoluene	9.90	165	113263	33.84	ng	#	86
57) Fluorene	10.24	166	366686	38.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	84711	33.00	ng	#	59
59) Diethylphthalate	10.12	149	416128	36.15	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	155576	33.70	ng		99
61) 4-Nitroaniline	10.27	138	99024	34.74	ng		93
62) Azobenzene	10.39	77	396378	34.82	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	54757	32.28	ng	#	59
65) n-Nitrosodiphenylamine	10.35	169	347972	37.71	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	102620	34.40	ng		93
67) Hexachlorobenzene	10.78	284	102946	33.21	ng		97
68) Atrazine	10.88	200	86052	30.80	ng		91
69) Pentachlorophenol	10.98	266	78426	48.00	ng		97
70) Phenanthrene	11.19	178	505322	34.63	ng		99
71) Anthracene	11.24	178	554760	37.69	ng		98
72) Carbazole	11.40	167	535358	38.87	ng		98
73) Di-n-butylphthalate	11.74	149	630512	36.16	ng		99
74) Fluoranthene	12.38	202	550157	35.73	ng		94
76) Benzidine	12.50	184	200197	34.72	ng		98
77) Pyrene	12.59	202	527333	34.13	ng		99
79) Butylbenzylphthalate	13.22	149	257320	37.67	ng		90
80) Benzo(a)anthracene	13.78	228	389043	32.79	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	75641	23.71	ng	#	96
82) Chrysene	13.82	228	413400	37.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	312262	37.55	ng		99
84) Di-n-octyl phthalate	14.39	149	542595	40.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	340799	32.86	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	351582m	30.61	ng		
88) Benzo(k)fluoranthene	14.81	252	348523m	40.22	ng		
89) Benzo(a)pyrene	15.11	252	332329	35.76	ng		99
90) Dibenzo(a,h)anthracene	16.46	278	283483	32.84	ng		98
91) Benzo(g,h,i)perylene	16.83	276	296750	33.42	ng		97

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

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