Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082016.D
Acq On : 3 Oct 2015 11:00
Operator : UM/IZ
Sample : G3897-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-2D(3.5-4)MSD

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:10 PM

Quant Time: Oct 05 16:27:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87658	20.00	ng		-0.05
21) Naphthalene-d8	8.18	136	333162	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	175809	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	357948	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	330311	20.00	ng		-0.03
86) Perylene-d12	15.53	264	258698	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	738438	152.92	ng		-0.03
7) Phenol-d6	6.53	99	977803	160.92	ng		-0.03
23) Nitrobenzene-d5	7.46	82	579333	115.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	271354	152.40	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	988377	96.62	ng		-0.05
78) Terphenyl-d14	13.02	244	1126981	126.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	91368	43.51	ng		89
3) Pyridine	3.25	79	190606	34.86	ng	#	84
4) n-Nitrosodimethylamine	3.20	42	89262	35.95	ng		95
6) Aniline	6.55	93	263033	32.22	ng	#	86
8) 2-Chlorophenol	6.67	128	243449	45.65	ng		99
9) Benzaldehyde	6.43	77	17496	4.40	ng	#	78
10) Phenol	6.54	94	278000	40.79	ng		77
11) bis(2-Chloroethyl)ether	6.63	93	247705	46.86	ng		94
12) 1,3-Dichlorobenzene	6.82	146	250421	39.76	ng	#	92
13) 1,4-Dichlorobenzene	6.90	146	256658	39.02	ng	#	92
14) 1,2-Dichlorobenzene	7.06	146	254100	43.36	ng		98
15) Benzyl Alcohol	7.03	79	173425	39.54	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.17	45	311040	41.62	ng		80
17) 2-Methylphenol	7.14	107	190696	44.11	ng	#	86
18) Hexachloroethane	7.41	117	119312	57.95	ng	#	61
19) n-Nitroso-di-n-propylamine	7.30	70	168236	45.56	ng	#	77
20) 3+4-Methylphenols	7.30	107	232418	42.56	ng	#	39
22) Acetophenone	7.30	105	386790	56.78	ng	#	80
24) Nitrobenzene	7.47	77	236689	43.61	ng	#	66
25) Isophorone	7.71	82	492551	49.72	ng	#	88
26) 2-Nitrophenol	7.79	139	129637	49.76	ng	#	65
27) 2,4-Dimethylphenol	7.83	122	216754	47.30	ng	#	80
28) bis(2-Chloroethoxy)methane	7.93	93	277976	47.25	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	223945	50.40	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	216234	43.59	ng		97
31) Naphthalene	8.21	128	675548	45.76	ng		97
32) Benzoic acid	7.95	122	150796	53.94	ng	#	63
33) 4-Chloroaniline	8.25	127	170390	26.69	ng	#	90
34) Hexachlorobutadiene	8.32	225	130986	44.64	ng		99
35) Caprolactam	8.59	113	113131m	91.96	ng		
36) 4-Chloro-3-methylphenol	8.73	107	200091	46.05	ng	#	80
37) 2-Methylnaphthalene	8.89	142	679008	67.38	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	282367	52.32	ng		98
40) Hexachlorocyclopentadiene	9.04	237	265015	95.35	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	146845	39.69	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	162265	42.64	ng	#	93
45) 1,1'-Biphenyl	9.36	154	677129	49.92	ng		94
46) 2-Chloronaphthalene	9.38	162	432202	40.58	ng	#	92
47) 2-Nitroaniline	9.49	65	134865	43.14	ng	#	80
48) Acenaphthylene	9.81	152	753285	44.19	ng		96
49) Dimethylphthalate	9.67	163	763387	62.91	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	108509	41.18	ng	#	58
51) Acenaphthene	9.98	154	523801	51.75	ng		89
52) 3-Nitroaniline	9.90	138	91382	29.98	ng	#	72
53) 2,4-Dinitrophenol	10.00	184	117632	86.62	ng	#	36
54) Dibenzofuran	10.15	168	676787	47.31	ng	#	90
55) 4-Nitrophenol	10.07	139	213232	96.82	ng	#	78
56) 2,4-Dinitrotoluene	10.14	165	163552	48.69	ng		95
57) Fluorene	10.49	166	552591	54.46	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	150582	49.89	ng	#	97
59) Diethylphthalate	10.37	149	514584	45.40	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	247934	47.34	ng	#	86
61) 4-Nitroaniline	10.53	138	125474	41.06	ng	#	61
62) Azobenzene	10.64	77	524310	47.39	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	78000	48.02	ng		95
65) n-Nitrosodiphenylamine	10.61	169	488620	45.12	ng		93
66) 4-Bromophenyl-phenylether	10.97	248	167925	46.53	ng		99
67) Hexachlorobenzene	11.03	284	162619	39.92	ng	#	82
68) Atrazine	11.13	200	177481	52.82	ng		83
69) Pentachlorophenol	11.23	266	226008	97.38	ng		98
70) Phenanthrene	11.45	178	770655	44.73	ng		95
71) Anthracene	11.51	178	867416	47.68	ng		99
72) Carbazole	11.66	167	749723	45.53	ng		94
73) Di-n-butylphthalate	11.99	149	835182	49.95	ng	#	98
74) Fluoranthene	12.64	202	858211	44.76	ng		90
76) Benzidine	12.78	184	422610	42.46	ng		97
77) Pyrene	12.87	202	845653	42.86	ng		95
79) Butylbenzylphthalate	13.50	149	394656	53.15	ng		98
80) Benzo(a)anthracene	14.07	228	750540	42.20	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	269915	44.93	ng	#	94
82) Chrysene	14.10	228	798044m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.06	149	503210	54.03	ng	#	95
84) Di-n-octyl phthalate	14.68	149	882165	58.20	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.98	276	619040	44.49	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	621824m	42.10	ng		
88) Benzo(k)fluoranthene	15.14	252	734855m	54.28	ng		
89) Benzo(a)pyrene	15.48	252	625672	48.84	ng	#	86
90) Dibenzo(a,h)anthracene	17.01	278	514605	47.87	ng	#	82
91) Benzo(g,h,i)perylene	17.43	276	500091	45.40	ng	#	76

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

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