Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081990.D
Acq On : 2 Oct 2015 20:35
Operator : UM/IZ
Sample : G3886-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-24(16-18)MS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:45 PM

Quant Time: Oct 03 04:16:54 2015
Quant Method : H:\HPCHEM1\BNA F\Method\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	99703	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	384371	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	187983	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	386366	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	373166	20.00	ng		-0.03
86) Perylene-d12	15.53	264	306108	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	673181	122.57	ng		-0.03
7) Phenol-d6	6.51	99	891804	129.04	ng		-0.05
23) Nitrobenzene-d5	7.46	82	548868	95.19	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	248017	130.27	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1037525	94.36	ng		-0.05
78) Terphenyl-d14	13.02	244	1059940	94.70	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	89455	37.45	ng		90
3) Pyridine	3.26	79	227674	36.61	ng	#	83
4) n-Nitrosodimethylamine	3.22	42	108338	38.36	ng		92
6) Aniline	6.55	93	269860	29.06	ng	#	85
8) 2-Chlorophenol	6.67	128	276811	45.64	ng		98
9) Benzaldehyde	6.43	77	52328	11.56	ng	#	81
10) Phenol	6.54	94	309835	39.97	ng		81
11) bis(2-Chloroethyl)ether	6.63	93	292380	48.63	ng		95
12) 1,3-Dichlorobenzene	6.82	146	293580m	40.98	ng		
13) 1,4-Dichlorobenzene	6.90	146	321016m	42.91	ng		
14) 1,2-Dichlorobenzene	7.06	146	287167	43.08	ng		98
15) Benzyl Alcohol	7.03	79	200070	40.10	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	363767	42.80	ng		81
17) 2-Methylphenol	7.14	107	223242	45.40	ng	#	86
18) Hexachloroethane	7.39	117	104381	44.57	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	173530	41.31	ng	#	77
20) 3+4-Methylphenols	7.29	107	257414	41.44	ng	#	71
22) Acetophenone	7.30	105	366491	46.63	ng	#	81
24) Nitrobenzene	7.47	77	272782	43.57	ng	#	69
25) Isophorone	7.71	82	521326	45.62	ng	#	93
26) 2-Nitrophenol	7.79	139	148885	49.54	ng	#	81
27) 2,4-Dimethylphenol	7.83	122	226605	42.86	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	307859	45.36	ng	#	94
29) 2,4-Dichlorophenol	8.03	162	251741	49.10	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	261063	45.61	ng		97
31) Naphthalene	8.19	128	735037m	43.16	ng		
32) Benzoic acid	7.90	122	32061	15.93	ng	#	86
33) 4-Chloroaniline	8.25	127	127890	17.37	ng	#	93
34) Hexachlorobutadiene	8.31	225	149079	44.04	ng		98
35) Caprolactam	8.62	113	67014m	47.22	ng		
36) 4-Chloro-3-methylphenol	8.73	107	242416	48.36	ng		85
37) 2-Methylnaphthalene	8.89	142	535010	46.02	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	252081	43.68	ng		100
40) Hexachlorocyclopentadiene	9.04	237	277524	93.38	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	164559	41.59	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	195477	48.04	ng		96
45) 1,1'-Biphenyl	9.36	154	672542	46.37	ng		94
46) 2-Chloronaphthalene	9.38	162	525159	46.12	ng		96
47) 2-Nitroaniline	9.49	65	153418	45.89	ng		89
48) Acenaphthylene	9.79	152	770180	42.26	ng		96
49) Dimethylphthalate	9.67	163	771514	59.46	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	132946	47.19	ng	#	74
51) Acenaphthene	9.97	154	507799	46.92	ng		89
52) 3-Nitroaniline	9.90	138	97494	29.91	ng	#	71
53) 2,4-Dinitrophenol	10.00	184	100389	75.88	ng	#	53
54) Dibenzofuran	10.15	168	709454	46.38	ng		94
55) 4-Nitrophenol	10.06	139	191741	81.42	ng	#	50
56) 2,4-Dinitrotoluene	10.13	165	167903	46.75	ng	#	70
57) Fluorene	10.49	166	565734	52.05	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	169106	52.40	ng		90
59) Diethylphthalate	10.37	149	577113	47.62	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	267136	47.70	ng		90
61) 4-Nitroaniline	10.51	138	139720	42.76	ng	#	44
62) Azobenzene	10.64	77	576852	48.77	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	84035	47.94	ng		87
65) n-Nitrosodiphenylamine	10.61	169	502859	43.02	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	163899m	42.07	ng		
67) Hexachlorobenzene	11.03	284	167579	38.12	ng	#	85
68) Atrazine	11.13	200	162179	44.71	ng		82
69) Pentachlorophenol	11.23	266	200907	80.20	ng		97
70) Phenanthrene	11.45	178	825148	44.35	ng		96
71) Anthracene	11.51	178	906998	46.19	ng		98
72) Carbazole	11.66	167	801257	45.08	ng		95
73) Di-n-butylphthalate	11.99	149	857273	47.43	ng	#	97
74) Fluoranthene	12.64	202	871199	42.09	ng		91
76) Benzidine	12.78	184	249750	22.21	ng		98
77) Pyrene	12.87	202	896892	40.23	ng		95
79) Butylbenzylphthalate	13.50	149	416941	49.70	ng		96
80) Benzo(a)anthracene	14.07	228	824068	41.01	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	211494	31.16	ng	#	94
82) Chrysene	14.10	228	850326m	54.26	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	556056	52.84	ng	#	95
84) Di-n-octyl phthalate	14.68	149	949967	55.47	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	649361	41.31	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	942732m	53.94	ng		
88) Benzo(k)fluoranthene	15.14	252	621139m	38.78	ng		
89) Benzo(a)pyrene	15.48	252	719480	47.46	ng	#	86
90) Dibenzo(a,h)anthracene	17.01	278	538904	42.37	ng	#	81
91) Benzo(g,h,i)perylene	17.43	276	526608	40.40	ng	#	75

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

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