Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082018.D
Acq On : 3 Oct 2015 11:59
Operator : UM/IZ
Sample : G3905-03MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF001-01MSD

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:21 PM

Quant Time: Oct 05 17:04:32 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	88445	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	349856	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	175674	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	356840	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	316372	20.00	ng		-0.03
86) Perylene-d12	15.53	264	246062	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	701997	144.08	ng		-0.03
7) Phenol-d6	6.53	99	985314	160.72	ng		-0.03
23) Nitrobenzene-d5	7.46	82	628957	119.84	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	266869	150.00	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1144445	117.62	ng		-0.05
78) Terphenyl-d14	13.02	244	1158354	146.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	93089	43.93	ng		86
3) Pyridine	3.26	79	128819	23.35	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	111524	44.51	ng		94
6) Aniline	6.55	93	280693	34.08	ng	#	85
8) 2-Chlorophenol	6.67	128	305597	56.80	ng		98
9) Benzaldehyde	6.43	77	59416	14.80	ng	#	85
10) Phenol	6.54	94	397577	57.81	ng		78
11) bis(2-Chloroethyl)ether	6.63	93	314055	58.89	ng		95
12) 1,3-Dichlorobenzene	6.82	146	309739m	48.74	ng		
13) 1,4-Dichlorobenzene	6.90	146	339836m	51.21	ng		
14) 1,2-Dichlorobenzene	7.06	146	308026	52.09	ng		99
15) Benzyl Alcohol	7.03	79	226738	51.23	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	396488	52.59	ng		82
17) 2-Methylphenol	7.14	107	245380	56.25	ng	#	85
18) Hexachloroethane	7.39	117	110804	53.33	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	192714	51.72	ng	#	78
20) 3+4-Methylphenols	7.30	107	301615	54.74	ng	#	58
22) Acetophenone	7.30	105	390539	54.60	ng	#	79
24) Nitrobenzene	7.47	77	285665	50.13	ng	#	67
25) Isophorone	7.71	82	570556	54.85	ng	#	90
26) 2-Nitrophenol	7.79	139	169131	61.83	ng	#	77
27) 2,4-Dimethylphenol	7.83	122	273643	56.86	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	362520	58.68	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	286930	61.49	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	281064	53.95	ng		97
31) Naphthalene	8.19	128	813873m	52.50	ng		
32) Benzoic acid	7.91	122	35504	17.79	ng	#	75
33) 4-Chloroaniline	8.25	127	207456	30.95	ng	#	94
34) Hexachlorobutadiene	8.31	225	164350	53.34	ng		97
35) Caprolactam	8.63	113	68113m	52.73	ng		
36) 4-Chloro-3-methylphenol	8.73	107	281564	61.71	ng		85
37) 2-Methylnaphthalene	8.89	142	618842	58.48	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	271661	50.37	ng		99
40) Hexachlorocyclopentadiene	9.04	237	324746	116.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	187581	50.73	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	217732	57.26	ng	#	95
45) 1,1'-Biphenyl	9.36	154	786589	58.04	ng		94
46) 2-Chloronaphthalene	9.38	162	603269	56.69	ng		95
47) 2-Nitroaniline	9.49	65	181314	58.04	ng		87
48) Acenaphthylene	9.79	152	883409	51.87	ng		96
49) Dimethylphthalate	9.67	163	957106	78.93	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	143991	54.69	ng	#	61
51) Acenaphthene	9.97	154	588415	58.18	ng		89
52) 3-Nitroaniline	9.90	138	127575	41.88	ng	#	69
53) 2,4-Dinitrophenol	10.00	184	106232	81.65	ng	#	49
54) Dibenzofuran	10.15	168	827418	57.89	ng		93
55) 4-Nitrophenol	10.07	139	235153	106.85	ng	#	81
56) 2,4-Dinitrotoluene	10.14	165	207136	61.72	ng	#	98
57) Fluorene	10.49	166	667515	66.31	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	192269	63.75	ng		93
59) Diethylphthalate	10.37	149	634304	56.00	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	302595	57.82	ng		90
61) 4-Nitroaniline	10.53	138	167278	54.78	ng	#	58
62) Azobenzene	10.64	77	658186	59.54	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	88517	53.28	ng		94
65) n-Nitrosodiphenylamine	10.61	169	565742	52.40	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	201436	55.99	ng		99
67) Hexachlorobenzene	11.03	284	192572	47.42	ng	#	82
68) Atrazine	11.13	200	171969	51.34	ng		83
69) Pentachlorophenol	11.23	266	234281	101.26	ng		97
70) Phenanthrene	11.45	178	908238	53.19	ng		95
71) Anthracene	11.51	178	1026178	56.58	ng		97
72) Carbazole	11.66	167	887860	54.09	ng	#	94
73) Di-n-butylphthalate	11.99	149	955991	57.55	ng	#	98
74) Fluoranthene	12.64	202	955421	49.98	ng		91
76) Benzidine	12.79	184	33038	3.47	ng		97
77) Pyrene	12.87	202	978860	51.79	ng		95
79) Butylbenzylphthalate	13.50	149	468893	65.93	ng		98
80) Benzo(a)anthracene	14.07	228	854213	50.14	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	268588	46.68	ng	#	94
82) Chrysene	14.10	228	894173	Below Cal			93
83) Bis(2-ethylhexyl)phthalate	14.06	149	596955	66.91	ng	#	94
84) Di-n-octyl phthalate	14.68	149	1028554	70.85	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.98	276	729161	54.71	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	942946m	67.12	ng		
88) Benzo(k)fluoranthene	15.14	252	634984m	49.32	ng		
89) Benzo(a)pyrene	15.48	252	719512	59.04	ng	#	86
90) Dibenzo(a,h)anthracene	17.02	278	611387	59.80	ng	#	79
91) Benzo(g,h,i)perylene	17.44	276	601683	57.43	ng	#	73

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

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