Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082371.D
Acq On : 19 Oct 2015 22:42
Operator : UM/IZ
Sample : G3975-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3MSD

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:51 PM

Quant Time: Oct 20 03:09:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95341	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	364669	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	186875	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	353370	20.00	ng		-0.01
75) Chrysene-d12	14.06	240	323005	20.00	ng		-0.03
86) Perylene-d12	15.61	264	253452	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	383455	81.17	ng		0.00
7) Phenol-d6	6.45	99	321088	52.23	ng		0.00
23) Nitrobenzene-d5	7.38	82	619827	114.14	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	216444	123.50	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1160735	103.01	ng		0.00
78) Terphenyl-d14	12.94	244	1194330	97.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	46222	19.47	ng		95
3) Pyridine	3.11	79	96869	17.55	ng		98
4) n-Nitrosodimethylamine	3.05	42	49057	20.95	ng		99
6) Aniline	6.47	93	134216	16.93	ng	#	90
8) 2-Chlorophenol	6.59	128	223794	38.81	ng		98
9) Benzaldehyde	6.34	77	133452	42.51	ng		91
10) Phenol	6.46	94	120092	16.94	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	253921	42.36	ng		90
12) 1,3-Dichlorobenzene	6.74	146	304588	45.35	ng		96
13) 1,4-Dichlorobenzene	6.82	146	304060	43.35	ng		96
14) 1,2-Dichlorobenzene	6.97	146	287511	43.17	ng		97
15) Benzyl Alcohol	6.95	79	149450	35.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	370392	44.38	ng		80
17) 2-Methylphenol	7.07	107	158538	34.76	ng	#	92
18) Hexachloroethane	7.31	117	112764	46.97	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	194371	45.02	ng	#	86
20) 3+4-Methylphenols	7.23	107	177054	32.58	ng	#	62
22) Acetophenone	7.22	105	399401	55.37	ng	#	86
24) Nitrobenzene	7.39	77	267463	45.50	ng		100
25) Isophorone	7.63	82	530697	48.42	ng		99
26) 2-Nitrophenol	7.71	139	158536	54.02	ng		98
27) 2,4-Dimethylphenol	7.76	122	230689	48.79	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	342473	53.70	ng		99
29) 2,4-Dichlorophenol	7.97	162	240866	50.96	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	258281	47.41	ng		97
31) Naphthalene	8.11	128	746966	47.25	ng		99
32) Benzoic acid	7.86	122	48637	15.33	ng		90
33) 4-Chloroaniline	8.17	127	90590	13.80	ng		98
34) Hexachlorobutadiene	8.23	225	152317	44.87	ng		98
35) Caprolactam	8.55	113	13280	9.68	ng	#	76
36) 4-Chloro-3-methylphenol	8.66	107	225118	48.70	ng		98
37) 2-Methylnaphthalene	8.81	142	587868	53.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	260099	46.79	ng		98
40) Hexachlorocyclopentadiene	8.96	237	186815	67.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	179260	48.56	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	189588	47.41	ng		98
45) 1,1'-Biphenyl	9.28	154	708468	49.72	ng		96
46) 2-Chloronaphthalene	9.30	162	561685	50.07	ng		96
47) 2-Nitroaniline	9.41	65	148356	48.17	ng		90
48) Acenaphthylene	9.71	152	766750	43.88	ng		100
49) Dimethylphthalate	9.59	163	687805	52.27	ng		99
50) 2,6-Dinitrotoluene	9.65	165	135310	48.73	ng	#	62
51) Acenaphthene	9.89	154	469994	44.80	ng		100
52) 3-Nitroaniline	9.82	138	49625	15.82	ng		84
53) 2,4-Dinitrophenol	9.93	184	133752	85.71	ng		92
54) Dibenzofuran	10.06	168	698941	48.53	ng		94
55) 4-Nitrophenol	10.00	139	56111	33.46	ng	#	71
56) 2,4-Dinitrotoluene	10.06	165	198877	57.31	ng		96
57) Fluorene	10.40	166	575250	48.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	151495	46.36	ng	#	96
59) Diethylphthalate	10.29	149	668461	54.50	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	294670	54.38	ng	#	87
61) 4-Nitroaniline	10.45	138	137783	45.29	ng		93
62) Azobenzene	10.56	77	644404	53.68	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	100986	50.92	ng		93
65) n-Nitrosodiphenylamine	10.53	169	543484	51.37	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	173545	49.07	ng	#	88
67) Hexachlorobenzene	10.95	284	168737	44.12	ng	#	68
68) Atrazine	11.05	200	173990	51.91	ng		99
69) Pentachlorophenol	11.15	266	184497	93.74	ng		97
70) Phenanthrene	11.37	178	920078	53.12	ng		100
71) Anthracene	11.42	178	877977	49.19	ng		98
72) Carbazole	11.58	167	781019	47.97	ng		99
73) Di-n-butylphthalate	11.91	149	1015601	50.56	ng		100
74) Fluoranthene	12.56	202	903927	48.59	ng		98
76) Benzidine	12.70	184	252019	26.92	ng		98
77) Pyrene	12.79	202	921847	48.09	ng		99
79) Butylbenzylphthalate	13.44	149	472523	54.02	ng	#	85
80) Benzo(a)anthracene	14.05	228	816483	48.58	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	158184	24.80	ng	#	98
82) Chrysene	14.09	228	764580	43.18	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	596233	47.77	ng	#	98
84) Di-n-octyl phthalate	14.73	149	1066164	49.74	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	668692	47.51	ng		98
87) Benzo(b)fluoranthene	15.19	252	866884m	56.22	ng		
88) Benzo(k)fluoranthene	15.22	252	521866m	40.26	ng		
89) Benzo(a)pyrene	15.56	252	650841	49.11	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	563990	51.93	ng		99
91) Benzo(g,h,i)perylene	17.48	276	561681	53.24	ng		99

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

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