Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083820.D
Acq On : 15 Dec 2015 16:03
Operator : UM/IZ
Sample : G4739-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-0-2MSD

Quant Time: Dec 16 11:29:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99570	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	393791	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	162739	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	238447	20.00	ng		-0.02
75) Chrysene-d12	14.09	240	174366	20.00	ng		0.01
86) Perylene-d12	15.53	264	163469	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	959174	155.41	ng		0.00
7) Phenol-d6	6.54	99	1110753	142.11	ng		0.00
23) Nitrobenzene-d5	7.47	82	674594	95.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	231279	139.47	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1050701	100.10	ng		-0.02
78) Terphenyl-d14	13.01	244	688005	84.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	113603	38.06	ng	#	82
3) Pyridine	3.36	79	284803	37.93	ng	#	81
4) n-Nitrosodimethylamine	3.26	42	142649	50.21	ng	#	64
6) Aniline	6.61	93	100647m	9.48	ng		
8) 2-Chlorophenol	6.69	128	357904	49.35	ng		86
9) Benzaldehyde	6.44	77	186001	44.31	ng		96
10) Phenol	6.56	94	340188	37.81	ng		84
11) bis(2-Chloroethyl)ether	6.64	93	373805m	57.38	ng		
12) 1,3-Dichlorobenzene	6.84	146	362625	47.11	ng		96
13) 1,4-Dichlorobenzene	6.92	146	362613	46.62	ng		98
14) 1,2-Dichlorobenzene	7.08	146	357627	51.17	ng		97
15) Benzyl Alcohol	7.05	79	293385	51.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	346921	41.01	ng		71
17) 2-Methylphenol	7.16	107	277439	47.58	ng	#	87
18) Hexachloroethane	7.42	117	129981	47.06	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	215386	45.00	ng		93
20) 3+4-Methylphenols	7.32	107	353591	51.36	ng	#	69
22) Acetophenone	7.31	105	469011	48.55	ng	#	99
24) Nitrobenzene	7.49	77	369316	50.41	ng	#	73
25) Isophorone	7.73	82	641722	46.47	ng	#	91
26) 2-Nitrophenol	7.80	139	172503	49.02	ng		88
27) 2,4-Dimethylphenol	7.85	122	311509	45.05	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	379956	48.22	ng		98
29) 2,4-Dichlorophenol	8.05	162	293591	51.72	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	276843	47.03	ng		95
31) Naphthalene	8.21	128	1162596	56.64	ng		98
32) Benzoic acid	7.92	122	28964	6.72	ng		90
33) 4-Chloroaniline	8.26	127	60109	7.17	ng	#	92
34) Hexachlorobutadiene	8.34	225	158688	49.12	ng		97
35) Caprolactam	8.62	113	92648	50.82	ng	#	66
36) 4-Chloro-3-methylphenol	8.75	107	313754	47.25	ng	#	84
37) 2-Methylnaphthalene	8.91	142	781925	60.67	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	238867	49.75	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	33173	13.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	187682	53.41	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	177708	53.31	ng	#	93
45) 1,1'-Biphenyl	9.37	154	686968	47.63	ng		96
46) 2-Chloronaphthalene	9.39	162	494983	46.49	ng	#	91
47) 2-Nitroaniline	9.48	65	144903	47.99	ng	#	81
48) Acenaphthylene	9.81	152	1629585	90.97	ng		97
49) Dimethylphthalate	9.68	163	899953	70.93	ng		99
50) 2,6-Dinitrotoluene	9.73	165	144809	53.78	ng	#	66
51) Acenaphthene	9.98	154	519104	47.94	ng		99
52) 3-Nitroaniline	9.89	138	61431	19.79	ng	#	68
53) 2,4-Dinitrophenol	10.00	184	36929	35.97	ng	#	85
54) Dibenzofuran	10.16	168	762957	53.18	ng		98
55) 4-Nitrophenol	10.06	139	207950	90.46	ng	#	61
56) 2,4-Dinitrotoluene	10.13	165	175371	49.86	ng	#	71
57) Fluorene	10.50	166	575905m	50.97	ng		
58) 2,3,4,6-Tetrachlorophenol	10.27	232	128582	51.43	ng	#	100
59) Diethylphthalate	10.37	149	609880	47.48	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	239663	46.52	ng		99
61) 4-Nitroaniline	10.50	138	77303	28.25	ng		93
62) Azobenzene	10.65	77	517698	44.21	ng		81
64) 4,6-Dinitro-2-methylphenol	10.54	198	39366	29.02	ng	#	66
65) n-Nitrosodiphenylamine	10.60	169	466106	57.16	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	143675	53.89	ng	#	88
67) Hexachlorobenzene	11.05	284	146778	50.88	ng	#	90
68) Atrazine	11.14	200	144038	62.08	ng		98
69) Pentachlorophenol	11.24	266	152273	93.58	ng		99
70) Phenanthrene	11.46	178	1900237	150.01	ng		97
71) Anthracene	11.50	178	1133029	86.12	ng		99
72) Carbazole	11.65	167	639050	52.13	ng	#	96
73) Di-n-butylphthalate	12.00	149	767171	51.54	ng		100
74) Fluoranthene	12.66	202	3108484	237.50	ng		96
77) Pyrene	12.90	202	3869520	280.78	ng		94
79) Butylbenzylphthalate	13.49	149	319794	54.07	ng		87
80) Benzo(a)anthracene	14.08	228	2284049m	230.36	ng		
81) 3,3'-Dichlorobenzidine	14.03	252	21575	6.03	ng	#	88
82) Chrysene	14.11	228	2191536	226.62	ng		97
83) Bis(2-ethylhexyl)phthalate	14.05	149	347596	51.63	ng		98
84) Di-n-octyl phthalate	14.66	149	693002	64.78	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	1071941	112.86	ng	#	100
87) Benzo(b)fluoranthene	15.13	252	1917228m	183.84	ng		
88) Benzo(k)fluoranthene	15.13	252	1129853m	119.57	ng		
89) Benzo(a)pyrene	15.48	252	1167122m	125.41	ng		
90) Dibenzo(a,h)anthracene	16.99	278	514201	55.57	ng		96
91) Benzo(g,h,i)perylene	17.43	276	958446	100.76	ng		99

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

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