Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082647.D
Acq On : 2 Nov 2015 23:00
Operator : UM/IZ
Sample : G4238-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16CMS

Quant Time: Nov 03 05:46:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	192369	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	732850	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	352027	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	569579	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	429460	20.00	ng		-0.02
86) Perylene-d12	15.50	264	390847	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1263700	98.94	ng		-0.01
7) Phenol-d6	6.52	99	1775773	104.65	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1310792	73.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	405644	105.29	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1496271	60.35	ng		-0.02
78) Terphenyl-d14	13.00	244	1058680	53.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	158459	26.84	ng		92
3) Pyridine	3.26	79	469602	27.13	ng		97
4) n-Nitrosodimethylamine	3.20	42	281661	28.90	ng		99
6) Aniline	6.54	93	690583	29.23	ng		92
8) 2-Chlorophenol	6.67	128	485427	35.13	ng	#	74
9) Benzaldehyde	6.43	77	184688	15.94	ng		85
10) Phenol	6.53	94	627819	32.65	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	528507	37.26	ng		91
12) 1,3-Dichlorobenzene	6.83	146	535113m	33.96	ng		
13) 1,4-Dichlorobenzene	6.91	146	571534	36.57	ng		94
14) 1,2-Dichlorobenzene	7.06	146	486969	33.57	ng		94
15) Benzyl Alcohol	7.04	79	573674	36.26	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	776674	34.45	ng		98
17) 2-Methylphenol	7.15	107	469074	39.92	ng		97
18) Hexachloroethane	7.41	117	171774	28.16	ng	#	78
19) n-Nitroso-di-n-propylamine	7.31	70	449123	34.92	ng		88
20) 3+4-Methylphenols	7.30	107	538311	35.25	ng		95
22) Acetophenone	7.30	105	731962	33.93	ng	#	82
24) Nitrobenzene	7.47	77	597981	32.96	ng	#	88
25) Isophorone	7.72	82	1125230	34.08	ng	#	95
26) 2-Nitrophenol	7.79	139	247606	37.37	ng	#	81
27) 2,4-Dimethylphenol	7.84	122	524499	40.55	ng		93
28) bis(2-Chloroethoxy)methane	7.93	93	641126	35.50	ng		98
29) 2,4-Dichlorophenol	8.03	162	419664	35.59	ng		87
30) 1,2,4-Trichlorobenzene	8.12	180	462613	35.35	ng		96
31) Naphthalene	8.20	128	1482075	37.37	ng		100
32) Benzoic acid	7.92	122	146537	15.62	ng		94
33) 4-Chloroaniline	8.25	127	438779	25.92	ng	#	87
34) Hexachlorobutadiene	8.33	225	298592	35.88	ng		99
35) Caprolactam	8.60	113	129139	35.70	ng		93
36) 4-Chloro-3-methylphenol	8.73	107	472720	34.05	ng		95
37) 2-Methylnaphthalene	8.89	142	883433	34.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	419522	35.71	ng		99
40) Hexachlorocyclopentadiene	9.06	237	159351	21.58	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	336345m	39.65	ng		
43) 2,4,5-Trichlorophenol	9.21	196	303841m	35.95	ng		
45) 1,1'-Biphenyl	9.36	154	1043374	35.09	ng		97
46) 2-Chloronaphthalene	9.38	162	801796	34.53	ng		94
47) 2-Nitroaniline	9.47	65	345011	38.23	ng		90
48) Acenaphthylene	9.80	152	1353010	36.43	ng		98
49) Dimethylphthalate	9.66	163	1662275	57.82	ng		99
50) 2,6-Dinitrotoluene	9.72	165	217417	36.49	ng	#	59
51) Acenaphthene	9.97	154	850947	36.09	ng		100
52) 3-Nitroaniline	9.88	138	226744	34.20	ng		79
53) 2,4-Dinitrophenol	9.98	184	68746	26.54	ng	#	15
54) Dibenzofuran	10.14	168	1249053	39.04	ng		90
55) 4-Nitrophenol	10.04	139	349046	69.97	ng	#	83
56) 2,4-Dinitrotoluene	10.12	165	303650	37.68	ng	#	62
57) Fluorene	10.49	166	920732	35.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	281504	39.41	ng		90
59) Diethylphthalate	10.36	149	1065236	36.39	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	439966	35.08	ng	#	87
61) 4-Nitroaniline	10.49	138	204790	32.37	ng		92
62) Azobenzene	10.64	77	1077237	32.64	ng		92
64) 4,6-Dinitro-2-methylphenol	10.52	198	59259	17.25	ng	#	64
65) n-Nitrosodiphenylamine	10.59	169	762677	38.95	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	280445	43.45	ng	#	85
67) Hexachlorobenzene	11.04	284	298851	41.76	ng	#	68
68) Atrazine	11.13	200	280902	43.85	ng		89
69) Pentachlorophenol	11.23	266	345544	73.22	ng		98
70) Phenanthrene	11.45	178	1324972	41.24	ng		96
71) Anthracene	11.49	178	1253519	38.75	ng		99
72) Carbazole	11.64	167	1031708	36.62	ng		99
73) Di-n-butylphthalate	11.98	149	1375456	38.35	ng		99
74) Fluoranthene	12.62	202	1147760	34.95	ng		98
76) Benzidine	12.75	184	760887	39.29	ng		99
77) Pyrene	12.85	202	1133803	35.65	ng		98
79) Butylbenzylphthalate	13.48	149	543418	39.01	ng		97
80) Benzo(a)anthracene	14.04	228	1000428	36.67	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	358293	38.12	ng		98
82) Chrysene	14.09	228	974260	39.40	ng		97
83) Bis(2-ethylhexyl)phthalate	14.05	149	830490	45.99	ng		99
84) Di-n-octyl phthalate	14.66	149	1258647	44.69	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	800467	39.23	ng		100
87) Benzo(b)fluoranthene	15.08	252	1040883m	38.62	ng		
88) Benzo(k)fluoranthene	15.12	252	650128m	31.66	ng		
89) Benzo(a)pyrene	15.44	252	791911	37.31	ng		97
90) Dibenzo(a,h)anthracene	16.95	278	693937	35.04	ng		99
91) Benzo(g,h,i)perylene	17.35	276	635353	33.10	ng		99

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

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