Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082780.D
Acq On : 7 Nov 2015 00:20
Operator : UM/IZ
Sample : G4258-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:33 PM

Quant Time: Nov 07 03:50:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252743	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	938755	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	501094	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	917234	20.00	ng		0.00
75) Chrysene-d12	14.01	240	667997	20.00	ng		-0.01
86) Perylene-d12	15.44	264	714891	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2028263	124.86	ng		0.01
7) Phenol-d6	6.49	99	2968169	137.45	ng		0.01
23) Nitrobenzene-d5	7.41	82	1935023	89.69	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	653952	113.82	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2720604	77.82	ng		0.00
78) Terphenyl-d14	12.96	244	2816602	100.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	306704	43.76	ng		97
3) Pyridine	3.22	79	835409	41.08	ng		91
4) n-Nitrosodimethylamine	3.16	42	424827	42.12	ng	#	66
6) Aniline	6.51	93	755682	24.92	ng	#	67
8) 2-Chlorophenol	6.64	128	786037	43.65	ng		83
9) Benzaldehyde	6.38	77	103694	8.69	ng		95
10) Phenol	6.50	94	977467	39.89	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	862246	47.06	ng		90
12) 1,3-Dichlorobenzene	6.80	146	878875m	43.27	ng		
13) 1,4-Dichlorobenzene	6.86	146	836367	39.58	ng		98
14) 1,2-Dichlorobenzene	7.02	146	847798	44.12	ng		100
15) Benzyl Alcohol	6.99	79	822665	43.38	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1339398	49.83	ng		95
17) 2-Methylphenol	7.12	107	785358	51.49	ng		94
18) Hexachloroethane	7.37	117	311774	41.25	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	695206	43.79	ng	#	85
20) 3+4-Methylphenols	7.26	107	808459	40.77	ng		98
22) Acetophenone	7.26	105	1126333	41.87	ng	#	89
24) Nitrobenzene	7.44	77	1050678	47.62	ng		95
25) Isophorone	7.68	82	1810851	45.36	ng		98
26) 2-Nitrophenol	7.76	139	475088	51.59	ng	#	58
27) 2,4-Dimethylphenol	7.79	122	813554	49.17	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	1171962	52.05	ng		98
29) 2,4-Dichlorophenol	8.00	162	742156	49.63	ng		91
30) 1,2,4-Trichlorobenzene	8.08	180	732500	43.55	ng		99
31) Naphthalene	8.16	128	2137911	41.28	ng		99
32) Benzoic acid	7.90	122	268403	23.69	ng		86
33) 4-Chloroaniline	8.20	127	298722	13.38	ng	#	91
34) Hexachlorobutadiene	8.28	225	417943	39.71	ng		99
35) Caprolactam	8.58	113	279995m	59.39	ng		
36) 4-Chloro-3-methylphenol	8.69	107	834102	47.43	ng		89
37) 2-Methylnaphthalene	8.85	142	1531933	45.72	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	742917	45.12	ng		98
40) Hexachlorocyclopentadiene	9.01	237	762130	86.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	533704	43.42	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	524242	43.12	ng		92
45) 1,1'-Biphenyl	9.32	154	1866363	43.41	ng		99
46) 2-Chloronaphthalene	9.34	162	1530786	45.64	ng		96
47) 2-Nitroaniline	9.44	65	574712	46.19	ng	#	47
48) Acenaphthylene	9.76	152	2290730	43.58	ng		99
49) Dimethylphthalate	9.62	163	2269807	55.29	ng		99
50) 2,6-Dinitrotoluene	9.68	165	375861	42.91	ng		97
51) Acenaphthene	9.93	154	1583029	47.52	ng		99
52) 3-Nitroaniline	9.84	138	189112	19.63	ng	#	87
53) 2,4-Dinitrophenol	9.95	184	397528	82.65	ng	#	14
54) Dibenzofuran	10.10	168	1957083	43.57	ng		93
55) 4-Nitrophenol	10.01	139	651012	88.08	ng		82
56) 2,4-Dinitrotoluene	10.08	165	541518	45.56	ng		96
57) Fluorene	10.44	166	1564024	43.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	443574	44.71	ng	#	86
59) Diethylphthalate	10.33	149	1769852	44.15	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	684121	37.59	ng	#	85
61) 4-Nitroaniline	10.45	138	417731	43.12	ng	#	79
62) Azobenzene	10.59	77	1921660	44.63	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	295697	45.25	ng	#	73
65) n-Nitrosodiphenylamine	10.56	169	1503487	45.37	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	458685	41.53	ng	#	81
67) Hexachlorobenzene	10.99	284	505565	41.00	ng	#	78
68) Atrazine	11.08	200	449108	43.83	ng		95
69) Pentachlorophenol	11.18	266	656996	87.73	ng		100
70) Phenanthrene	11.40	178	2372567	44.54	ng		98
71) Anthracene	11.45	178	2208255	39.36	ng		99
72) Carbazole	11.61	167	2308504	47.00	ng		97
73) Di-n-butylphthalate	11.94	149	2486752	40.64	ng		99
74) Fluoranthene	12.58	202	2443216	42.74	ng		95
76) Benzidine	12.70	184	929944	41.54	ng		99
77) Pyrene	12.81	202	2370356	51.67	ng		99
79) Butylbenzylphthalate	13.44	149	1085270	53.55	ng		100
80) Benzo(a)anthracene	14.00	228	2105849	50.41	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	453993	30.57	ng	#	97
82) Chrysene	14.04	228	2161138	56.49	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1479005	53.32	ng	#	97
84) Di-n-octyl phthalate	14.61	149	2464795	53.27	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	1838602	55.80	ng	#	95
87) Benzo(b)fluoranthene	15.03	252	2391132m	52.11	ng		
88) Benzo(k)fluoranthene	15.06	252	1389653m	34.14	ng		
89) Benzo(a)pyrene	15.38	252	1824965	45.90	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	1497306	44.48	ng	#	96
91) Benzo(g,h,i)perylene	17.24	276	1517406	47.06	ng	#	95

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

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