Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076924.D
Acq On : 19 Jan 2015 11:55
Operator : IZ / TP
Sample : PB81373BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81373BS

Quant Time: Jan 20 09:44:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 19 23:54:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	32520	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	138947	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	78153	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	129322	20.00	ng		0.01
75) Chrysene-d12	21.27	240	112283	20.00	ng		0.00
86) Perylene-d12	22.93	264	104050	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	248082	125.43	ng		0.00
7) Phenol-d6	7.37	99	306910	123.00	ng		0.00
23) Nitrobenzene-d5	9.27	82	191836	76.49	ng		-0.01
41) 2,4,6-Tribromophenol	16.69	330	73714	116.20	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	401304	78.14	ng		0.00
78) Terphenyl-d14	20.00	244	394156	80.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.30	88	25604	30.23	ng	#	92
3) Pyridine	1.78	79	73493	33.54	ng		96
4) n-Nitrosodimethylamine	1.74	42	39686	36.56	ng		98
6) Aniline	7.26	93	66185	19.17	ng		98
8) 2-Chlorophenol	7.50	128	89258	39.14	ng		94
9) Benzaldehyde	6.98	77	23942	14.78	ng		96
10) Phenol	7.40	94	105047	39.65	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	81610	39.37	ng		87
12) 1,3-Dichlorobenzene	7.82	146	91156	35.14	ng		98
13) 1,4-Dichlorobenzene	8.01	146	96283	35.00	ng		98
14) 1,2-Dichlorobenzene	8.32	146	92807	36.61	ng		96
15) Benzyl Alcohol	8.40	79	75850	37.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	105349	37.80	ng		89
17) 2-Methylphenol	8.74	107	71081	38.15	ng		99
18) Hexachloroethane	9.08	117	34503	36.06	ng		94
19) n-Nitroso-di-n-propylamine	9.03	70	62932	36.03	ng		96
20) 3+4-Methylphenols	9.13	107	91010	36.89	ng		95
22) Acetophenone	8.96	105	130266	38.28	ng		96
24) Nitrobenzene	9.32	77	100070	39.17	ng		100
25) Isophorone	9.91	82	169964	37.21	ng		95
26) 2-Nitrophenol	10.05	139	44436	34.48	ng	#	87
27) 2,4-Dimethylphenol	10.32	122	80896	40.95	ng		96
28) bis(2-Chloroethoxy)methane	10.54	93	105322	40.57	ng		95
29) 2,4-Dichlorophenol	10.65	162	76168	41.36	ng		91
30) 1,2,4-Trichlorobenzene	10.79	180	77464	37.87	ng		96
31) Naphthalene	10.93	128	260679	36.44	ng		99
32) Benzoic acid	10.68	122	45044m	41.15	ng		
33) 4-Chloroaniline	11.17	127	59504	20.59	ng		96
34) Hexachlorobutadiene	11.29	225	43763	36.06	ng		97
35) Caprolactam	12.00	113	21341m	39.37	ng		
36) 4-Chloro-3-methylphenol	12.47	107	82152	38.96	ng		97
37) 2-Methylnaphthalene	12.59	142	189225	38.73	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	74255	38.43	ng		97
40) Hexachlorocyclopentadiene	12.97	237	77174	74.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	51034	36.25	ng		95
43) 2,4,5-Trichlorophenol	13.42	196	53696	37.40	ng		98
45) 1,1'-Biphenyl	13.74	154	218697	37.75	ng		98
46) 2-Chloronaphthalene	13.72	162	174590	36.62	ng		99
47) 2-Nitroaniline	14.06	65	55328	38.25	ng	#	79
48) Acenaphthylene	14.67	152	288669	35.89	ng		99
49) Dimethylphthalate	14.61	163	214583	38.72	ng		99
50) 2,6-Dinitrotoluene	14.70	165	43241	39.05	ng		92
51) Acenaphthene	15.09	154	160910	35.27	ng		97
52) 3-Nitroaniline	15.05	138	34794	24.97	ng		93
53) 2,4-Dinitrophenol	15.33	184	36065	70.96	ng		93
54) Dibenzofuran	15.51	168	246225	37.04	ng		97
55) 4-Nitrophenol	15.64	139	67013	77.13	ng	#	84
56) 2,4-Dinitrotoluene	15.64	165	64116	39.04	ng	#	86
57) Fluorene	16.23	166	205790	36.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.84	232	37188	35.57	ng		91
59) Diethylphthalate	16.22	149	215551	38.48	ng		98
60) 4-Chlorophenyl-phenylether	16.32	204	90997	39.50	ng	#	82
61) 4-Nitroaniline	16.37	138	46267	33.59	ng		93
62) Azobenzene	16.60	77	221281	37.91	ng		98
64) 4,6-Dinitro-2-methylphenol	16.44	198	28342	35.06	ng		98
65) n-Nitrosodiphenylamine	16.55	169	172143	37.33	ng		98
66) 4-Bromophenyl-phenylether	17.16	248	50279	38.38	ng	#	86
67) Hexachlorobenzene	17.17	284	53415	38.69	ng	#	87
68) Atrazine	17.52	200	61180	43.72	ng		98
69) Pentachlorophenol	17.53	266	46165	73.51	ng		98
70) Phenanthrene	17.81	178	295727	36.67	ng		99
71) Anthracene	17.89	178	292542	37.20	ng		98
72) Carbazole	18.17	167	282319	37.01	ng		99
73) Di-n-butylphthalate	18.76	149	339611	38.46	ng		99
74) Fluoranthene	19.45	202	302203	36.57	ng		98
76) Benzidine	19.69	184	135051	37.59	ng		99
77) Pyrene	19.74	202	311318	40.46	ng		99
79) Butylbenzylphthalate	20.67	149	142054	40.76	ng		96
80) Benzo(a)anthracene	21.26	228	268963	38.18	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	53034	23.69	ng	#	98
82) Chrysene	21.31	228	250271	38.96	ng		98
83) Bis(2-ethylhexyl)phthalate	21.40	149	188164	39.02	ng	#	93
84) Di-n-octyl phthalate	22.17	149	318259	38.03	ng		100
85) Indeno(1,2,3-cd)pyrene	24.06	276	250084	36.73	ng	#	83
87) Benzo(b)fluoranthene	22.52	252	237894	33.95	ng		98
88) Benzo(k)fluoranthene	22.55	252	239969m	39.19	ng		
89) Benzo(a)pyrene	22.87	252	232367	37.59	ng		97
90) Dibenzo(a,h)anthracene	24.08	278	212809	37.52	ng	#	95
91) Benzo(g,h,i)perylene	24.36	276	213309	37.83	ng		99

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

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