Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
Data File : BF077514.D
Acq On : 27 Feb 2015 19:31
Operator : TP/IZ
Sample : PB81918BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81918BS

Quant Time: Feb 28 00:49:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:28:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	96464	20.00	ng		0.00
21) Naphthalene-d8	8.84	136	393160	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	206348	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	401044	20.00	ng		0.00
75) Chrysene-d12	16.15	240	396533	20.00	ng		0.00
86) Perylene-d12	17.93	264	397908	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	547696	94.79	ng		0.00
7) Phenol-d6	6.82	99	710264	95.60	ng		0.00
23) Nitrobenzene-d5	7.95	82	405385	64.12	ng		0.00
41) 2,4,6-Tribromophenol	11.99	330	199627	100.47	ng		0.00
44) 2-Fluorobiphenyl	10.18	172	897656	67.83	ng		0.00
78) Terphenyl-d14	14.85	244	1102035	64.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	59281	24.18	ng		98
3) Pyridine	2.95	79	178761	25.48	ng		98
4) n-Nitrosodimethylamine	2.85	42	86252	28.28	ng		100
6) Aniline	6.84	93	181493	17.68	ng	#	77
8) 2-Chlorophenol	6.99	128	208634	30.61	ng		91
9) Benzaldehyde	6.70	77	49829	11.05	ng		95
10) Phenol	6.83	94	244923	27.78	ng		89
11) bis(2-Chloroethyl)ether	6.95	93	183046	28.90	ng		88
12) 1,3-Dichlorobenzene	7.18	146	218524	29.44	ng	#	92
13) 1,4-Dichlorobenzene	7.28	146	211706	28.04	ng		96
14) 1,2-Dichlorobenzene	7.46	146	200595	27.93	ng		96
15) Benzyl Alcohol	7.44	79	166604	29.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.62	45	274073	30.27	ng		97
17) 2-Methylphenol	7.58	107	170435	31.99	ng		98
18) Hexachloroethane	7.88	117	75184	29.81	ng		90
19) n-Nitroso-di-n-propylamine	7.77	70	146690	31.09	ng	#	91
20) 3+4-Methylphenols	7.78	107	219232	31.24	ng	#	78
22) Acetophenone	7.77	105	289317	31.28	ng	#	89
24) Nitrobenzene	7.97	77	210135	31.59	ng		88
25) Isophorone	8.27	82	389090	31.02	ng		94
26) 2-Nitrophenol	8.37	139	93995	34.48	ng	#	87
27) 2,4-Dimethylphenol	8.43	122	201638	33.06	ng		98
28) bis(2-Chloroethoxy)methane	8.55	93	253593	32.00	ng		99
29) 2,4-Dichlorophenol	8.66	162	174078	30.40	ng		88
30) 1,2,4-Trichlorobenzene	8.77	180	184356	29.29	ng		97
31) Naphthalene	8.86	128	607962	30.92	ng		99
32) Benzoic acid	8.52	122	96360	32.51	ng		98
33) 4-Chloroaniline	8.93	127	149424	17.09	ng	#	94
34) Hexachlorobutadiene	9.02	225	103924	28.92	ng		97
35) Caprolactam	9.36	113	54121	30.96	ng		98
36) 4-Chloro-3-methylphenol	9.54	107	184293	32.02	ng		98
37) 2-Methylnaphthalene	9.72	142	438678	31.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	197515	33.36	ng		99
40) Hexachlorocyclopentadiene	9.91	237	207627	65.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.07	196	128116	32.67	ng		97
43) 2,4,5-Trichlorophenol	10.11	196	138284	32.98	ng	#	83
45) 1,1'-Biphenyl	10.30	154	523517	33.49	ng		99
46) 2-Chloronaphthalene	10.32	162	399788	32.61	ng		93
47) 2-Nitroaniline	10.45	65	115904	38.40	ng	#	71
48) Acenaphthylene	10.83	152	632351	32.58	ng		99
49) Dimethylphthalate	10.69	163	500910	34.53	ng		98
50) 2,6-Dinitrotoluene	10.76	165	106622	36.65	ng	#	75
51) Acenaphthene	11.05	154	375408	32.41	ng		100
52) 3-Nitroaniline	10.96	138	74947	22.35	ng		90
53) 2,4-Dinitrophenol	11.10	184	65431	73.92	ng	#	60
54) Dibenzofuran	11.27	168	595647	33.31	ng		100
55) 4-Nitrophenol	11.17	139	167684	62.16	ng	#	66
56) 2,4-Dinitrotoluene	11.26	165	132725	33.77	ng	#	77
57) Fluorene	11.69	166	475988	33.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	117574	34.88	ng		95
59) Diethylphthalate	11.57	149	495365	34.64	ng		96
60) 4-Chlorophenyl-phenylether	11.70	204	229952	33.38	ng		97
61) 4-Nitroaniline	11.71	138	106351	33.09	ng		96
62) Azobenzene	11.89	77	471242	34.73	ng		98
64) 4,6-Dinitro-2-methylphenol	11.76	198	49821	32.44	ng		74
65) n-Nitrosodiphenylamine	11.85	169	439460	33.03	ng		100
66) 4-Bromophenyl-phenylether	12.31	248	140404	29.90	ng		97
67) Hexachlorobenzene	12.36	284	149866	29.73	ng		98
68) Atrazine	12.52	200	139974	32.36	ng		93
69) Pentachlorophenol	12.61	266	170026	64.18	ng		99
70) Phenanthrene	12.88	178	670936	28.86	ng		99
71) Anthracene	12.94	178	716712	31.07	ng		99
72) Carbazole	13.15	167	666937	30.41	ng		100
73) Di-n-butylphthalate	13.60	149	812808	31.56	ng	#	97
74) Fluoranthene	14.36	202	754592	29.72	ng		96
76) Benzidine	14.54	184	378787	28.27	ng		98
77) Pyrene	14.64	202	774419	31.93	ng		99
79) Butylbenzylphthalate	15.47	149	332907	33.36	ng		99
80) Benzo(a)anthracene	16.14	228	701283	30.18	ng		99
81) 3,3'-Dichlorobenzidine	16.11	252	161791	19.00	ng	#	95
82) Chrysene	16.18	228	662565	30.36	ng		99
83) Bis(2-ethylhexyl)phthalate	16.20	149	523795	32.73	ng		98
84) Di-n-octyl phthalate	17.01	149	880631	32.96	ng		99
85) Indeno(1,2,3-cd)pyrene	19.39	276	796212m	32.00	ng		
87) Benzo(b)fluoranthene	17.47	252	695499m	30.06	ng		
88) Benzo(k)fluoranthene	17.50	252	679357	29.96	ng	#	95
89) Benzo(a)pyrene	17.86	252	667377	30.28	ng		99
90) Dibenzo(a,h)anthracene	19.41	278	657999	31.31	ng		99
91) Benzo(g,h,i)perylene	19.81	276	651891	30.73	ng		97

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

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