Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
Data File : BF077228.D
Acq On : 9 Feb 2015 17:13
Operator : TP/IZ
Sample : PB81646BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81644BS

Quant Time: Feb 10 01:04:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 00:55:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	31058	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	125742	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	71623	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	123846	20.00	ng		0.00
75) Chrysene-d12	21.01	240	117267	20.00	ng		0.00
86) Perylene-d12	22.66	264	100816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.60	112	203247	107.60	ng		0.00
7) Phenol-d6	7.01	99	255057	107.03	ng		0.00
23) Nitrobenzene-d5	8.90	82	162790	71.72	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	66667	114.67	ng		0.00
44) 2-Fluorobiphenyl	13.16	172	343294	72.94	ng		0.00
78) Terphenyl-d14	19.76	244	375487	73.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	21779	26.93	ng		96
3) Pyridine	1.50	79	54857	26.21	ng		97
4) n-Nitrosodimethylamine	1.46	42	35265	34.01	ng		91
6) Aniline	6.89	93	50509	15.32	ng		98
8) 2-Chlorophenol	7.13	128	73955	33.96	ng		96
10) Phenol	7.04	94	80319	31.74	ng		90
11) bis(2-Chloroethyl)ether	7.14	93	66445	33.56	ng	#	83
12) 1,3-Dichlorobenzene	7.44	146	79355	32.03	ng		98
13) 1,4-Dichlorobenzene	7.63	146	80875	30.78	ng		97
14) 1,2-Dichlorobenzene	7.94	146	77194	31.89	ng		95
15) Benzyl Alcohol	8.05	79	63652	33.01	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	90364	33.95	ng		88
17) 2-Methylphenol	8.41	107	58607	32.93	ng		97
18) Hexachloroethane	8.68	117	30705	33.60	ng		96
19) n-Nitroso-di-n-propylamine	8.68	70	53251	31.92	ng		97
20) 3+4-Methylphenols	8.80	107	66151	28.07	ng		93
22) Acetophenone	8.60	105	109373	35.51	ng		96
24) Nitrobenzene	8.94	77	76574	33.12	ng		99
25) Isophorone	9.55	82	145298	35.15	ng		97
26) 2-Nitrophenol	9.69	139	35872	30.95	ng	#	89
27) 2,4-Dimethylphenol	9.98	122	64652	36.16	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	89703	38.18	ng		96
29) 2,4-Dichlorophenol	10.30	162	55544	33.33	ng		95
30) 1,2,4-Trichlorobenzene	10.42	180	64175	34.67	ng		98
31) Naphthalene	10.54	128	219921	33.97	ng		98
32) Benzoic acid	10.40	122	12018	12.13	ng		88
33) 4-Chloroaniline	10.82	127	44415	16.98	ng		97
34) Hexachlorobutadiene	10.92	225	37610	34.25	ng		96
35) Caprolactam	11.66	113	12040	24.54	ng		91
36) 4-Chloro-3-methylphenol	12.12	107	64867	34.00	ng		95
37) 2-Methylnaphthalene	12.20	142	159559	36.09	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	62961	35.56	ng		95
40) Hexachlorocyclopentadiene	12.59	237	61268	65.17	ng		96
42) 2,4,6-Trichlorophenol	12.97	196	39211	30.39	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.06	196	34451	26.18	ng	#	91
45) 1,1'-Biphenyl	13.36	154	189120	35.62	ng		99
46) 2-Chloronaphthalene	13.33	162	148898	34.08	ng		97
47) 2-Nitroaniline	13.69	65	46096	34.78	ng	#	88
48) Acenaphthylene	14.27	152	240129	32.58	ng		99
49) Dimethylphthalate	14.24	163	182958	36.02	ng		99
50) 2,6-Dinitrotoluene	14.33	165	38601	38.04	ng	#	85
51) Acenaphthene	14.69	154	135229	32.34	ng		96
52) 3-Nitroaniline	14.68	138	27377	21.69	ng		90
53) 2,4-Dinitrophenol	14.97	184	20957	49.29	ng		90
54) Dibenzofuran	15.12	168	213099	34.98	ng		96
55) 4-Nitrophenol	15.30	139	39440	49.54	ng		95
56) 2,4-Dinitrotoluene	15.28	165	51974	34.77	ng		94
57) Fluorene	15.89	166	174228	33.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	30545	31.88	ng	#	94
59) Diethylphthalate	15.91	149	191342	37.27	ng		98
60) 4-Chlorophenyl-phenylether	16.00	204	75755	35.88	ng		88
61) 4-Nitroaniline	16.07	138	35239	28.16	ng		95
62) Azobenzene	16.29	77	193094	36.10	ng		98
64) 4,6-Dinitro-2-methylphenol	16.13	198	22011	29.06	ng		76
65) n-Nitrosodiphenylamine	16.25	169	148352	33.59	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	42597	33.95	ng		96
67) Hexachlorobenzene	16.88	284	46690	35.31	ng		90
68) Atrazine	17.27	200	50843	37.94	ng		97
69) Pentachlorophenol	17.27	266	31278	54.03	ng		97
70) Phenanthrene	17.54	178	258186	33.43	ng		98
71) Anthracene	17.62	178	254010	33.73	ng		100
72) Carbazole	17.92	167	241679	33.09	ng		99
73) Di-n-butylphthalate	18.51	149	325118	38.45	ng	#	98
74) Fluoranthene	19.20	202	264910	33.47	ng		98
76) Benzidine	19.45	184	113564	30.26	ng		100
77) Pyrene	19.47	202	271406	33.77	ng		99
79) Butylbenzylphthalate	20.42	149	138199	37.97	ng		94
80) Benzo(a)anthracene	21.00	228	249041	33.85	ng		99
81) 3,3'-Dichlorobenzidine	21.01	252	46921	20.07	ng	#	97
82) Chrysene	21.05	228	227426	33.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	201890	40.09	ng	#	95
84) Di-n-octyl phthalate	21.93	149	348100	39.83	ng		99
85) Indeno(1,2,3-cd)pyrene	23.76	276	223870	31.48	ng	#	83
87) Benzo(b)fluoranthene	22.25	252	217027	31.96	ng	#	97
88) Benzo(k)fluoranthene	22.28	252	220017m	37.09	ng		
89) Benzo(a)pyrene	22.59	252	210219	35.10	ng	#	95
90) Dibenzo(a,h)anthracene	23.78	278	185014	33.67	ng	#	95
91) Benzo(g,h,i)perylene	24.02	276	187418	34.30	ng		97

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

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