Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077584.D
Acq On : 4 Mar 2015 16:18
Operator : TP/IZ
Sample : PB81970BS
Misc : S
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81970BS

Quant Time: Mar 04 23:21:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	61277	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	244850	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	118313	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	229321	20.00	ng		0.00
75) Chrysene-d12	16.10	240	260789	20.00	ng		0.00
86) Perylene-d12	17.83	264	256368	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	477136	129.99	ng		0.00
7) Phenol-d6	6.79	99	565984	119.93	ng		0.00
23) Nitrobenzene-d5	7.91	82	353622	89.81	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	147879	129.81	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	680539	89.69	ng		0.00
78) Terphenyl-d14	14.81	244	822101	73.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	57564	36.96	ng		96
3) Pyridine	2.90	79	159288	35.75	ng		97
4) n-Nitrosodimethylamine	2.80	42	80888	41.75	ng		94
6) Aniline	6.81	93	133458	20.46	ng	#	27
8) 2-Chlorophenol	6.95	128	171693	39.65	ng		91
9) Benzaldehyde	6.67	77	27946	9.75	ng		98
10) Phenol	6.80	94	204545	36.53	ng	#	70
11) bis(2-Chloroethyl)ether	6.91	93	146286	36.36	ng		86
12) 1,3-Dichlorobenzene	7.15	146	175667	37.26	ng	#	89
13) 1,4-Dichlorobenzene	7.24	146	177494	37.00	ng		96
14) 1,2-Dichlorobenzene	7.43	146	169749	37.20	ng		96
15) Benzyl Alcohol	7.40	79	133874	37.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	205084	35.65	ng		97
17) 2-Methylphenol	7.55	107	133564	39.46	ng		97
18) Hexachloroethane	7.85	117	61657	38.49	ng		93
19) n-Nitroso-di-n-propylamine	7.74	70	112835	37.65	ng	#	90
20) 3+4-Methylphenols	7.74	107	175390	39.35	ng	#	75
22) Acetophenone	7.73	105	233002	40.45	ng	#	86
24) Nitrobenzene	7.94	77	175045	42.26	ng		89
25) Isophorone	8.24	82	300868	38.51	ng		94
26) 2-Nitrophenol	8.33	139	74141	43.67	ng	#	88
27) 2,4-Dimethylphenol	8.40	122	153128	40.31	ng		98
28) bis(2-Chloroethoxy)methane	8.52	93	193291	39.17	ng		99
29) 2,4-Dichlorophenol	8.63	162	138332	38.79	ng		90
30) 1,2,4-Trichlorobenzene	8.73	180	142736	36.41	ng		98
31) Naphthalene	8.83	128	474104	38.72	ng		98
32) Benzoic acid	8.49	122	72392	39.22	ng		96
33) 4-Chloroaniline	8.90	127	116588	21.42	ng	#	95
34) Hexachlorobutadiene	8.98	225	79814	35.66	ng		99
35) Caprolactam	9.33	113	42050	38.63	ng	#	72
36) 4-Chloro-3-methylphenol	9.51	107	138717	38.70	ng		90
37) 2-Methylnaphthalene	9.68	142	332395	38.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	143802	42.36	ng		99
40) Hexachlorocyclopentadiene	9.88	237	140697	77.29	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	96166	42.78	ng		97
43) 2,4,5-Trichlorophenol	10.08	196	101548	42.24	ng		98
45) 1,1'-Biphenyl	10.27	154	385515	43.01	ng		100
46) 2-Chloronaphthalene	10.29	162	299359	42.58	ng		98
47) 2-Nitroaniline	10.42	65	88493	51.14	ng	#	73
48) Acenaphthylene	10.80	152	485154	43.59	ng		100
49) Dimethylphthalate	10.66	163	355207	42.71	ng		97
50) 2,6-Dinitrotoluene	10.73	165	78774	47.23	ng	#	75
51) Acenaphthene	11.01	154	287030	43.22	ng		99
52) 3-Nitroaniline	10.93	138	57839	30.08	ng		92
53) 2,4-Dinitrophenol	11.06	184	50662	99.83	ng	#	60
54) Dibenzofuran	11.23	168	450453	43.93	ng		98
55) 4-Nitrophenol	11.14	139	141340	91.39	ng		96
56) 2,4-Dinitrotoluene	11.22	165	99120	43.98	ng	#	69
57) Fluorene	11.65	166	359677	43.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	86650	44.83	ng		96
59) Diethylphthalate	11.53	149	329820	40.23	ng		97
60) 4-Chlorophenyl-phenylether	11.66	204	161072	40.78	ng		99
61) 4-Nitroaniline	11.68	138	80878	43.88	ng		98
62) Azobenzene	11.86	77	340766	43.81	ng		98
64) 4,6-Dinitro-2-methylphenol	11.72	198	37702	41.73	ng		75
65) n-Nitrosodiphenylamine	11.81	169	309274	40.65	ng		99
66) 4-Bromophenyl-phenylether	12.27	248	97534	36.32	ng		91
67) Hexachlorobenzene	12.33	284	109006	37.82	ng	#	87
68) Atrazine	12.48	200	97046	39.23	ng		92
69) Pentachlorophenol	12.58	266	120899	79.81	ng		99
70) Phenanthrene	12.84	178	525849	39.56	ng		99
71) Anthracene	12.91	178	531936	40.33	ng		98
72) Carbazole	13.11	167	507842	40.49	ng		99
73) Di-n-butylphthalate	13.57	149	541235	36.75	ng		99
74) Fluoranthene	14.32	202	570817	39.32	ng		98
76) Benzidine	14.50	184	285706	32.43	ng		97
77) Pyrene	14.60	202	601644	37.71	ng		99
79) Butylbenzylphthalate	15.43	149	241849	36.85	ng	#	88
80) Benzo(a)anthracene	16.09	228	592541	38.77	ng		100
81) 3,3'-Dichlorobenzidine	16.07	252	120361	21.49	ng		99
82) Chrysene	16.13	228	559534	38.99	ng		98
83) Bis(2-ethylhexyl)phthalate	16.15	149	335685	31.90	ng	#	96
84) Di-n-octyl phthalate	16.94	149	582162	33.13	ng		99
85) Indeno(1,2,3-cd)pyrene	19.26	276	646512	39.51	ng		99
87) Benzo(b)fluoranthene	17.38	252	641866	43.05	ng	#	96
88) Benzo(k)fluoranthene	17.42	252	495591	33.92	ng		98
89) Benzo(a)pyrene	17.76	252	561500	39.55	ng	#	96
90) Dibenzo(a,h)anthracene	19.28	278	530749	39.20	ng		96
91) Benzo(g,h,i)perylene	19.68	276	550568	40.28	ng		95

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

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