Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077191.D
Acq On : 5 Feb 2015 18:49
Operator : TP/IZ
Sample : PB81608BS
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81608BS

Quant Time: Feb 06 00:58:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 00:49:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	29504	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	130350	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	71572	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	124139	20.00	ng		0.00
75) Chrysene-d12	21.07	240	120483	20.00	ng		0.00
86) Perylene-d12	22.75	264	108369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	175863	98.00	ng		0.00
7) Phenol-d6	7.09	99	218198	96.39	ng		0.00
23) Nitrobenzene-d5	8.99	82	135205	57.46	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	50255	86.50	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	281840	59.93	ng		0.00
78) Terphenyl-d14	19.81	244	313803	59.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	20022	26.06	ng	#	84
3) Pyridine	1.56	79	53774	27.05	ng		95
4) n-Nitrosodimethylamine	1.53	42	29563	30.02	ng		85
6) Aniline	6.98	93	46707	14.91	ng		99
8) 2-Chlorophenol	7.21	128	63596	30.74	ng		96
9) Benzaldehyde	6.75	77	4551	2.50	ng	#	79
10) Phenol	7.12	94	67937	28.26	ng		90
11) bis(2-Chloroethyl)ether	7.23	93	58506	31.11	ng	#	77
12) 1,3-Dichlorobenzene	7.53	146	68943	29.29	ng		98
13) 1,4-Dichlorobenzene	7.72	146	69898	28.01	ng		98
14) 1,2-Dichlorobenzene	8.03	146	69065	30.03	ng		98
15) Benzyl Alcohol	8.13	79	52655	28.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	78452	31.03	ng		94
17) 2-Methylphenol	8.48	107	47923	28.35	ng	#	91
18) Hexachloroethane	8.77	117	26176	30.15	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	45479	28.70	ng		95
20) 3+4-Methylphenols	8.88	107	55735	24.90	ng		93
22) Acetophenone	8.68	105	93098	29.16	ng		97
24) Nitrobenzene	9.04	77	68229	28.47	ng		99
25) Isophorone	9.63	82	119373	27.86	ng		97
26) 2-Nitrophenol	9.78	139	29186	24.67	ng		91
27) 2,4-Dimethylphenol	10.05	122	53458	28.84	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	73189	30.05	ng		97
29) 2,4-Dichlorophenol	10.38	162	42519	24.61	ng		96
30) 1,2,4-Trichlorobenzene	10.50	180	54506	28.41	ng		94
31) Naphthalene	10.64	128	188023	28.02	ng		98
32) Benzoic acid	10.45	122	11457m	11.16	ng		
33) 4-Chloroaniline	10.91	127	40350	14.88	ng		99
34) Hexachlorobutadiene	11.00	225	31307	27.50	ng		98
35) Caprolactam	11.75	113	11793	23.19	ng	#	89
36) 4-Chloro-3-methylphenol	12.20	107	52027	26.30	ng		97
37) 2-Methylnaphthalene	12.29	142	134456	29.34	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	52080	29.43	ng		97
40) Hexachlorocyclopentadiene	12.68	237	50025	54.09	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	33585	26.05	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	28915	21.99	ng	#	91
45) 1,1'-Biphenyl	13.45	154	156011	29.40	ng		99
46) 2-Chloronaphthalene	13.41	162	129259	29.60	ng		98
47) 2-Nitroaniline	13.78	65	37387	28.23	ng		89
48) Acenaphthylene	14.36	152	202541	27.50	ng		99
49) Dimethylphthalate	14.33	163	150266	29.61	ng		99
50) 2,6-Dinitrotoluene	14.42	165	31642	31.20	ng		91
51) Acenaphthene	14.79	154	114956	27.51	ng		95
52) 3-Nitroaniline	14.77	138	23692	19.03	ng		90
53) 2,4-Dinitrophenol	15.06	184	12796	34.69	ng	#	83
54) Dibenzofuran	15.21	168	179191	29.44	ng		99
55) 4-Nitrophenol	15.39	139	33397m	41.98	ng		
56) 2,4-Dinitrotoluene	15.36	165	42281	28.70	ng	#	92
57) Fluorene	15.97	166	147830	28.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.59	232	21637	22.60	ng	#	94
59) Diethylphthalate	15.97	149	156837	30.57	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	63910	30.29	ng		97
61) 4-Nitroaniline	16.13	138	30392	24.50	ng		99
62) Azobenzene	16.36	77	163753	30.64	ng		100
64) 4,6-Dinitro-2-methylphenol	16.21	198	17288	23.48	ng		95
65) n-Nitrosodiphenylamine	16.32	169	122840	27.75	ng		98
66) 4-Bromophenyl-phenylether	16.93	248	36383	28.93	ng		97
67) Hexachlorobenzene	16.95	284	37907	28.60	ng		91
68) Atrazine	17.32	200	40269	29.98	ng		98
69) Pentachlorophenol	17.32	266	17801	33.66	ng		92
70) Phenanthrene	17.60	178	216707	27.99	ng		99
71) Anthracene	17.68	178	210802	27.92	ng		97
72) Carbazole	17.97	167	209859	28.66	ng		98
73) Di-n-butylphthalate	18.57	149	254440	30.02	ng		98
74) Fluoranthene	19.25	202	221096	27.87	ng		98
76) Benzidine	19.51	184	79831	20.71	ng		99
77) Pyrene	19.54	202	234993	28.46	ng		99
79) Butylbenzylphthalate	20.48	149	113497	30.35	ng		94
80) Benzo(a)anthracene	21.07	228	212047	28.05	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	50623	21.07	ng	#	94
82) Chrysene	21.11	228	199980	29.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.22	149	158764	30.68	ng	#	97
84) Di-n-octyl phthalate	21.99	149	274006	30.51	ng		98
85) Indeno(1,2,3-cd)pyrene	23.88	276	208258	28.51	ng	#	85
87) Benzo(b)fluoranthene	22.33	252	197747	27.09	ng	#	96
88) Benzo(k)fluoranthene	22.36	252	196152m	30.76	ng		
89) Benzo(a)pyrene	22.68	252	187101	29.06	ng	#	97
90) Dibenzo(a,h)anthracene	23.91	278	169075	28.62	ng	#	93
91) Benzo(g,h,i)perylene	24.16	276	172596	29.39	ng		96

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

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