Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078298.D
Acq On : 7 Apr 2015 15:14
Operator : TP/IZ
Sample : PB82554BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82554BS

Quant Time: Apr 08 01:33:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 01:52:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	44656	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	180457	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	91053	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	179120	20.00	ng		0.00
75) Chrysene-d12	15.77	240	188067	20.00	ng		-0.01
86) Perylene-d12	17.47	264	181053	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	266318	98.33	ng		0.01
7) Phenol-d6	6.53	99	339994	100.17	ng		0.00
23) Nitrobenzene-d5	7.63	82	189386	63.61	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	83050	109.98	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	413303	64.88	ng		0.00
78) Terphenyl-d14	14.50	244	497001	59.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	32454	26.50	ng		98
3) Pyridine	2.38	79	85219	26.56	ng		99
4) n-Nitrosodimethylamine	2.32	42	43971m	35.61	ng		
6) Aniline	6.52	93	64205	13.34	ng		97
8) 2-Chlorophenol	6.67	128	99763	31.15	ng		93
9) Benzaldehyde	6.37	77	41033	18.24	ng		98
10) Phenol	6.54	94	124838	30.69	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	92017	31.46	ng		97
12) 1,3-Dichlorobenzene	6.85	146	104643	29.75	ng	#	93
13) 1,4-Dichlorobenzene	6.96	146	106967	30.21	ng		96
14) 1,2-Dichlorobenzene	7.14	146	99848	30.07	ng		94
15) Benzyl Alcohol	7.13	79	78655	32.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.31	45	120881	30.98	ng		96
17) 2-Methylphenol	7.29	107	75700	30.44	ng		96
18) Hexachloroethane	7.55	117	37965	31.79	ng	#	84
19) n-Nitroso-di-n-propylamine	7.46	70	65256	29.14	ng	#	83
20) 3+4-Methylphenols	7.49	107	105454	31.79	ng		92
22) Acetophenone	7.45	105	136472	32.46	ng	#	91
24) Nitrobenzene	7.65	77	99471	31.96	ng	#	85
25) Isophorone	7.96	82	174533	30.89	ng		97
26) 2-Nitrophenol	8.05	139	45896	30.94	ng		95
27) 2,4-Dimethylphenol	8.13	122	88718	32.17	ng		96
28) bis(2-Chloroethoxy)methane	8.25	93	113899	31.44	ng		99
29) 2,4-Dichlorophenol	8.35	162	83822	33.41	ng		87
30) 1,2,4-Trichlorobenzene	8.44	180	86057	29.91	ng		96
31) Naphthalene	8.53	128	281419	29.96	ng		99
32) Benzoic acid	8.26	122	56478	44.08	ng		96
33) 4-Chloroaniline	8.62	127	56559	14.51	ng		98
34) Hexachlorobutadiene	8.69	225	48080	30.44	ng		98
35) Caprolactam	9.05	113	25219	33.67	ng		94
36) 4-Chloro-3-methylphenol	9.25	107	83849	33.12	ng	#	78
37) 2-Methylnaphthalene	9.39	142	193122	30.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	84712	30.03	ng		98
40) Hexachlorocyclopentadiene	9.58	237	80659	67.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	59846	33.64	ng		100
43) 2,4,5-Trichlorophenol	9.80	196	61980	33.34	ng		96
45) 1,1'-Biphenyl	9.97	154	232986	31.28	ng		97
46) 2-Chloronaphthalene	10.00	162	186156	31.77	ng		96
47) 2-Nitroaniline	10.13	65	51635	35.61	ng	#	84
48) Acenaphthylene	10.50	152	294310	31.10	ng		100
49) Dimethylphthalate	10.37	163	214764	31.40	ng		99
50) 2,6-Dinitrotoluene	10.44	165	45380	32.24	ng	#	52
51) Acenaphthene	10.72	154	171364	32.17	ng		99
52) 3-Nitroaniline	10.65	138	31920	19.95	ng		89
53) 2,4-Dinitrophenol	10.78	184	27736	58.80	ng	#	85
54) Dibenzofuran	10.93	168	267043	32.82	ng		93
55) 4-Nitrophenol	10.89	139	77583	66.33	ng		87
56) 2,4-Dinitrotoluene	10.93	165	62584	34.33	ng	#	54
57) Fluorene	11.34	166	216088	32.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	49835	36.16	ng	#	99
59) Diethylphthalate	11.25	149	209307	31.73	ng		98
60) 4-Chlorophenyl-phenylether	11.37	204	100977	33.28	ng	#	88
61) 4-Nitroaniline	11.40	138	44315	27.39	ng		86
62) Azobenzene	11.56	77	220928	36.70	ng		88
64) 4,6-Dinitro-2-methylphenol	11.44	198	25487	32.11	ng	#	65
65) n-Nitrosodiphenylamine	11.52	169	188785	30.47	ng		99
66) 4-Bromophenyl-phenylether	11.96	248	57358	30.24	ng	#	89
67) Hexachlorobenzene	12.02	284	62654	30.14	ng		99
68) Atrazine	12.20	200	58088	32.37	ng		97
69) Pentachlorophenol	12.28	266	63297	69.77	ng		97
70) Phenanthrene	12.53	178	325217	31.39	ng		99
71) Anthracene	12.59	178	324354	31.77	ng		100
72) Carbazole	12.81	167	306951	32.08	ng		99
73) Di-n-butylphthalate	13.28	149	352954	32.56	ng	#	99
74) Fluoranthene	14.00	202	355929	32.57	ng		94
76) Benzidine	14.19	184	122028	16.85	ng		98
77) Pyrene	14.27	202	352018	29.82	ng		98
79) Butylbenzylphthalate	15.12	149	152460	33.88	ng		94
80) Benzo(a)anthracene	15.76	228	341233	30.50	ng		100
81) 3,3'-Dichlorobenzidine	15.75	252	77295	20.63	ng	#	98
82) Chrysene	15.80	228	331707	31.55	ng		99
83) Bis(2-ethylhexyl)phthalate	15.84	149	233967	33.15	ng	#	94
84) Di-n-octyl phthalate	16.63	149	405160	34.96	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.75	276	382485	32.06	ng	#	86
87) Benzo(b)fluoranthene	17.04	252	323124	28.88	ng	#	98
88) Benzo(k)fluoranthene	17.07	252	340031m	34.19	ng		
89) Benzo(a)pyrene	17.41	252	325486	33.33	ng		98
90) Dibenzo(a,h)anthracene	18.77	278	300289	30.71	ng		98
91) Benzo(g,h,i)perylene	19.12	276	311024	31.73	ng		96

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

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