Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
Data File : BF079808.D
Acq On : 7 Jun 2015 12:01
Operator : TP/IZ
Sample : G2550-02MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-039MS

Quant Time: Jun 09 12:53:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 01:08:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	55522	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	215664	20.00	ng		0.00
38) Acenaphthene-d10	10.55	164	106417	20.00	ng		0.00
63) Phenanthrene-d10	12.06	188	208684	20.00	ng		0.00
75) Chrysene-d12	14.99	240	217794	20.00	ng		0.01
86) Perylene-d12	16.93	264	203033	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	429974	129.80	ng		0.00
7) Phenol-d6	7.07	99	560487	131.00	ng		0.00
23) Nitrobenzene-d5	8.03	82	304577	86.70	ng		0.00
41) 2,4,6-Tribromophenol	11.34	330	136865	134.47	ng		0.00
44) 2-Fluorobiphenyl	9.84	172	648613	82.57	ng		0.00
78) Terphenyl-d14	13.73	244	750402	78.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	53801	36.70	ng		97
3) Pyridine	4.25	79	172493	42.07	ng		95
4) n-Nitrosodimethylamine	4.17	42	79483	44.67	ng		92
6) Aniline	7.13	93	111771	18.00	ng		98
8) 2-Chlorophenol	7.26	128	149460	41.68	ng		99
9) Benzaldehyde	7.02	77	8843	3.19	ng		96
10) Phenol	7.08	94	197274	42.36	ng		95
11) bis(2-Chloroethyl)ether	7.19	93	146840	40.66	ng		97
12) 1,3-Dichlorobenzene	7.42	146	157518	35.09	ng		99
13) 1,4-Dichlorobenzene	7.50	146	171945	36.10	ng		99
14) 1,2-Dichlorobenzene	7.66	146	154825	34.79	ng		99
15) Benzyl Alcohol	7.60	79	124030	35.08	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.74	45	220730	40.41	ng		100
17) 2-Methylphenol	7.70	107	122088	36.51	ng		98
18) Hexachloroethane	8.00	117	53571	38.71	ng		99
19) n-Nitroso-di-n-propylamine	7.86	70	115033	38.75	ng		97
20) 3+4-Methylphenols	7.85	107	164137	38.51	ng		98
22) Acetophenone	7.87	105	228778	44.47	ng	#	98
24) Nitrobenzene	8.04	77	138672	39.58	ng		99
25) Isophorone	8.28	82	303215	42.29	ng		100
26) 2-Nitrophenol	8.38	139	48846	33.10	ng		97
27) 2,4-Dimethylphenol	8.39	122	142763	42.99	ng		96
28) bis(2-Chloroethoxy)methane	8.49	93	162272	36.62	ng	#	97
29) 2,4-Dichlorophenol	8.60	162	121041	40.63	ng		97
30) 1,2,4-Trichlorobenzene	8.71	180	144118	39.84	ng		98
31) Naphthalene	8.79	128	426579m	37.70	ng		
32) Benzoic acid	8.40	122	5350m	8.45	ng		
33) 4-Chloroaniline	8.82	127	87317m	15.19	ng		
34) Hexachlorobutadiene	8.91	225	80063	36.38	ng		96
35) Caprolactam	9.15	113	34930	38.50	ng	#	86
36) 4-Chloro-3-methylphenol	9.29	107	129168	38.80	ng		93
37) 2-Methylnaphthalene	9.48	142	313003	43.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	149338	45.06	ng		98
40) Hexachlorocyclopentadiene	9.64	237	139435	97.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	89398	40.56	ng		98
43) 2,4,5-Trichlorophenol	9.79	196	98957	42.67	ng		96
45) 1,1'-Biphenyl	9.95	154	353336	38.17	ng		100
46) 2-Chloronaphthalene	9.98	162	277103	36.66	ng		99
47) 2-Nitroaniline	10.06	65	58002	36.58	ng		98
48) Acenaphthylene	10.40	152	447022	35.77	ng		99
49) Dimethylphthalate	10.23	163	403010	49.17	ng		100
50) 2,6-Dinitrotoluene	10.30	165	58698	44.05	ng		98
51) Acenaphthene	10.58	154	260741	36.84	ng		99
52) 3-Nitroaniline	10.47	138	46174	26.67	ng	#	95
53) 2,4-Dinitrophenol	10.57	184	19193	52.54	ng	#	47
54) Dibenzofuran	10.75	168	401822	40.09	ng		97
55) 4-Nitrophenol	10.61	139	102240	79.06	ng		86
56) 2,4-Dinitrotoluene	10.71	165	76958	47.29	ng		98
57) Fluorene	11.10	166	339150	39.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	72028	38.37	ng		100
59) Diethylphthalate	10.94	149	345764	43.13	ng		98
60) 4-Chlorophenyl-phenylether	11.07	204	150289	38.22	ng		98
61) 4-Nitroaniline	11.09	138	64625	38.97	ng		95
62) Azobenzene	11.23	77	302190	37.30	ng		99
64) 4,6-Dinitro-2-methylphenol	11.12	198	20229	40.31	ng		94
65) n-Nitrosodiphenylamine	11.19	169	272484	39.09	ng		99
66) 4-Bromophenyl-phenylether	11.58	248	97307	43.06	ng	#	88
67) Hexachlorobenzene	11.66	284	102704	40.41	ng	#	75
68) Atrazine	11.70	200	82345	39.31	ng		92
69) Pentachlorophenol	11.85	266	90047	70.89	ng		97
70) Phenanthrene	12.08	178	502125	41.10	ng		98
71) Anthracene	12.13	178	483543	40.13	ng		99
72) Carbazole	12.27	167	436011	38.08	ng		98
73) Di-n-butylphthalate	12.59	149	500441	38.55	ng	#	83
74) Fluoranthene	13.34	202	519867	38.86	ng		96
76) Benzidine	13.44	184	178511	25.97	ng		98
77) Pyrene	13.59	202	529574	39.66	ng		98
79) Butylbenzylphthalate	14.26	149	209112	39.28	ng		97
80) Benzo(a)anthracene	14.98	228	490421	36.78	ng		99
81) 3,3'-Dichlorobenzidine	14.93	252	97469	21.52	ng		98
82) Chrysene	15.03	228	475972	38.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.95	149	311966	37.09	ng	#	97
84) Di-n-octyl phthalate	15.74	149	523160	35.32	ng		97
85) Indeno(1,2,3-cd)pyrene	18.90	276	482504	33.82	ng		100
87) Benzo(b)fluoranthene	16.35	252	492388	39.04	ng		99
88) Benzo(k)fluoranthene	16.39	252	425569	35.18	ng		99
89) Benzo(a)pyrene	16.85	252	443249	38.07	ng		100
90) Dibenzo(a,h)anthracene	18.94	278	397579	35.38	ng		99
91) Benzo(g,h,i)perylene	19.51	276	414110	35.65	ng		99

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

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