Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092708.D
Acq On : 1 Feb 2017 17:03
Operator : SJ/MA
Sample : I1615-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2MS

Quant Time: Feb 02 00:02:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167390	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	675371	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	350274	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	584890	20.00	ng		0.00
75) Chrysene-d12	14.12	240	386751	20.00	ng		-0.02
86) Perylene-d12	15.60	264	340150	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1227319	125.79	ng		-0.01
7) Phenol-d6	6.59	99	1548614	123.36	ng		-0.01
23) Nitrobenzene-d5	7.52	82	989253	81.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	284965	112.48	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1707011	88.29	ng		-0.01
78) Terphenyl-d14	13.07	244	1278256	77.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	202895	38.49	ng	#	84
3) Pyridine	3.40	79	598774	44.67	ng	#	83
4) n-Nitrosodimethylamine	3.37	42	296452	47.10	ng		84
6) Aniline	6.61	93	574350	33.54	ng	#	60
8) 2-Chlorophenol	6.74	128	475569	44.18	ng		94
9) Benzaldehyde	6.49	77	323307	35.95	ng		89
10) Phenol	6.60	94	584543	39.80	ng		99
11) bis(2-Chloroethyl)ether	6.68	93	472031	40.26	ng		92
12) 1,3-Dichlorobenzene	6.89	146	529072	41.97	ng		94
13) 1,4-Dichlorobenzene	6.97	146	536242	42.02	ng		93
14) 1,2-Dichlorobenzene	7.12	146	479829	39.33	ng		99
15) Benzyl Alcohol	7.09	79	412670	44.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	893270	43.86	ng		94
17) 2-Methylphenol	7.21	107	382076	41.38	ng		98
18) Hexachloroethane	7.46	117	176433	40.50	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	353003	44.17	ng		97
20) 3+4-Methylphenols	7.37	107	486785	44.09	ng	#	85
22) Acetophenone	7.36	105	621824	40.33	ng	#	93
24) Nitrobenzene	7.54	77	527562	42.36	ng	#	82
25) Isophorone	7.77	82	958033	42.39	ng	#	93
26) 2-Nitrophenol	7.85	139	249264	42.11	ng		92
27) 2,4-Dimethylphenol	7.89	122	429047	41.27	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	613489	40.99	ng		99
29) 2,4-Dichlorophenol	8.10	162	417152	43.02	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	430148	41.17	ng		96
31) Naphthalene	8.26	128	1330975	38.88	ng		100
32) Benzoic acid	7.96	122	28170	11.23	ng		86
33) 4-Chloroaniline	8.30	127	271887	20.25	ng		94
34) Hexachlorobutadiene	8.37	225	212964	37.05	ng		99
35) Caprolactam	8.67	113	140846	46.18	ng	#	25
36) 4-Chloro-3-methylphenol	8.81	107	460934	45.60	ng		92
37) 2-Methylnaphthalene	8.96	142	936221	42.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	358242	36.43	ng		99
40) Hexachlorocyclopentadiene	9.10	237	328865	74.13	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	283457	43.87	ng		96
43) 2,4,5-Trichlorophenol	9.28	196	278449	39.33	ng		97
45) 1,1'-Biphenyl	9.42	154	1042266	41.09	ng		98
46) 2-Chloronaphthalene	9.45	162	864489	43.57	ng		99
47) 2-Nitroaniline	9.54	65	272878	40.90	ng		93
48) Acenaphthylene	9.86	152	1313398	38.32	ng		99
49) Dimethylphthalate	9.72	163	1377256	58.38	ng		98
50) 2,6-Dinitrotoluene	9.79	165	235160	46.15	ng		93
51) Acenaphthene	10.03	154	826129	40.31	ng		96
52) 3-Nitroaniline	9.96	138	162490	27.87	ng	#	72
53) 2,4-Dinitrophenol	10.06	184	119545	48.13	ng	#	93
54) Dibenzofuran	10.21	168	1192874	43.52	ng	#	89
55) 4-Nitrophenol	10.13	139	319010	75.96	ng		96
56) 2,4-Dinitrotoluene	10.19	165	277629	40.93	ng		97
57) Fluorene	10.56	166	864309	40.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	214372	45.40	ng	#	99
59) Diethylphthalate	10.42	149	902187	40.58	ng		100
60) 4-Chlorophenyl-phenylether	10.54	204	412757	40.74	ng	#	78
61) 4-Nitroaniline	10.58	138	256284	42.91	ng		88
62) Azobenzene	10.70	77	1091238	47.51	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	139634	39.71	ng		83
65) n-Nitrosodiphenylamine	10.66	169	737412	39.47	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	253043	41.41	ng	#	84
67) Hexachlorobenzene	11.09	284	235830	39.05	ng	#	71
68) Atrazine	11.20	200	257401	42.93	ng		92
69) Pentachlorophenol	11.30	266	243463	78.27	ng		97
70) Phenanthrene	11.52	178	1271264	37.94	ng		99
71) Anthracene	11.56	178	1300342	38.64	ng		99
72) Carbazole	11.72	167	1093717	34.00	ng		99
73) Di-n-butylphthalate	12.05	149	1510224	43.41	ng	#	96
74) Fluoranthene	12.71	202	1334085	38.60	ng		96
76) Benzidine	12.83	184	616213	37.39	ng		96
77) Pyrene	12.93	202	1289506	44.55	ng		99
79) Butylbenzylphthalate	13.55	149	582527	49.56	ng	#	74
80) Benzo(a)anthracene	14.11	228	987512	41.75	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	228936	27.15	ng		97
82) Chrysene	14.16	228	957208	43.22	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	752862	46.84	ng		97
84) Di-n-octyl phthalate	14.71	149	1210417	46.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	852802	49.71	ng	#	94
87) Benzo(b)fluoranthene	15.16	252	793832m	35.46	ng		
88) Benzo(k)fluoranthene	15.20	252	828915m	42.88	ng		
89) Benzo(a)pyrene	15.53	252	787628	40.67	ng		97
90) Dibenzo(a,h)anthracene	17.08	278	706374	45.13	ng		96
91) Benzo(g,h,i)perylene	17.52	276	743483	47.02	ng	#	92

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

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