Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092790.D
Acq On : 3 Feb 2017 22:05
Operator : SJ/MA
Sample : I1687-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B6-B7-001MS

Manual Integrations APPROVED
mohammad
2/6/2017 12:34:03 PM

Quant Time: Feb 03 23:42:51 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	6.93	152	130643	20.00	ng		-0.03
21) Naphthalene-d8	8.21	136	614988	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	296782	20.00	ng		-0.03
63) Phenanthrene-d10	11.46	188	510450	20.00	ng		-0.03
75) Chrysene-d12	14.11	240	466967	20.00	ng		-0.03
86) Perylene-d12	15.56	264	138616	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1015398	133.34	ng		-0.02
7) Phenol-d6	6.58	99	1226230	125.15	ng		-0.02
23) Nitrobenzene-d5	7.49	82	966089	87.48	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	330403	153.93	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1732594	105.76	ng		-0.03
78) Terphenyl-d14	13.05	244	1474954	74.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	143384	34.85	ng	#	72
3) Pyridine	3.41	79	299744	28.65	ng		87
4) n-Nitrosodimethylamine	3.34	42	254439	51.79	ng		88
6) Aniline	6.59	93	40253	3.01	ng	#	1
8) 2-Chlorophenol	6.72	128	388846	46.29	ng		98
9) Benzaldehyde	6.48	77	199022	28.35	ng		99
10) Phenol	6.59	94	442640	38.61	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	400926	43.82	ng		97
12) 1,3-Dichlorobenzene	6.86	146	398500m	40.50	ng		
13) 1,4-Dichlorobenzene	6.94	146	419085	42.08	ng		97
14) 1,2-Dichlorobenzene	7.10	146	387994	40.74	ng		94
15) Benzyl Alcohol	7.07	79	189861	26.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	635637	39.99	ng		95
17) 2-Methylphenol	7.20	107	325560	45.17	ng		96
18) Hexachloroethane	7.44	117	158467	46.61	ng	#	86
19) n-Nitroso-di-n-propylamine	7.34	70	312662	50.13	ng		96
20) 3+4-Methylphenols	7.34	107	421142	48.87	ng	#	84
22) Acetophenone	7.34	105	588422	41.91	ng	#	92
24) Nitrobenzene	7.52	77	539545	47.58	ng		95
25) Isophorone	7.76	82	986977	47.96	ng		97
26) 2-Nitrophenol	7.84	139	255439	47.39	ng	#	81
27) 2,4-Dimethylphenol	7.87	122	406696	42.96	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	483518	35.48	ng		100
29) 2,4-Dichlorophenol	8.08	162	402923	45.64	ng		90
30) 1,2,4-Trichlorobenzene	8.16	180	395878	41.61	ng		96
31) Naphthalene	8.24	128	1274490	40.88	ng		99
32) Benzoic acid	8.00	122	279362	51.47	ng		95
34) Hexachlorobutadiene	8.35	225	200247	38.25	ng		99
35) Caprolactam	8.66	113	124781m	44.93	ng		
36) 4-Chloro-3-methylphenol	8.78	107	466675	50.70	ng		95
37) 2-Methylnaphthalene	8.93	142	908371	45.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	354762	42.58	ng		99
40) Hexachlorocyclopentadiene	9.08	237	330997	88.06	ng		96
42) 2,4,6-Trichlorophenol	9.22	196	291022	53.16	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	299363	49.91	ng	#	81
45) 1,1'-Biphenyl	9.39	154	956771	44.52	ng		97
46) 2-Chloronaphthalene	9.42	162	778388	46.30	ng		97
47) 2-Nitroaniline	9.52	65	166415	29.44	ng		97
48) Acenaphthylene	9.84	152	1097843	37.80	ng		99
49) Dimethylphthalate	9.70	163	884192	44.23	ng		98
50) 2,6-Dinitrotoluene	9.77	165	224655	52.04	ng	#	83
51) Acenaphthene	10.01	154	788647	45.42	ng		97
52) 3-Nitroaniline	9.93	138	19437	3.93	ng		94
53) 2,4-Dinitrophenol	10.04	184	213918	96.38	ng	#	78
54) Dibenzofuran	10.18	168	1009943	43.49	ng		97
55) 4-Nitrophenol	10.11	139	296818	83.41	ng		91
56) 2,4-Dinitrotoluene	10.17	165	260109	45.26	ng		97
57) Fluorene	10.52	166	765519	42.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	222874	55.70	ng		95
59) Diethylphthalate	10.40	149	897680	47.65	ng		100
60) 4-Chlorophenyl-phenylether	10.52	204	372722	43.42	ng	#	72
61) 4-Nitroaniline	10.54	138	82800	16.36	ng		89
62) Azobenzene	10.67	77	848777	43.61	ng		96
64) 4,6-Dinitro-2-methylphenol	10.58	198	159754	51.23	ng		94
65) n-Nitrosodiphenylamine	10.64	169	217394	13.33	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	231238	43.36	ng		91
67) Hexachlorobenzene	11.07	284	225831	42.85	ng	#	85
68) Atrazine	11.16	200	11228	2.15	ng		98
69) Pentachlorophenol	11.28	266	272831	98.46	ng		97
70) Phenanthrene	11.49	178	1357223	46.41	ng		98
71) Anthracene	11.54	178	1233112	41.99	ng		99
72) Carbazole	11.69	167	286799	10.22	ng		99
73) Di-n-butylphthalate	12.02	149	1465858	48.28	ng		98
74) Fluoranthene	12.68	202	1452167	48.14	ng		92
77) Pyrene	12.91	202	1362329	38.98	ng		99
79) Butylbenzylphthalate	13.53	149	672135	47.36	ng	#	75
80) Benzo(a)anthracene	14.10	228	1128917	39.53	ng		99
82) Chrysene	14.13	228	1057846	39.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	867955	44.72	ng		99
84) Di-n-octyl phthalate	14.69	149	1538041	48.67	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	765715	36.97	ng	#	93
87) Benzo(b)fluoranthene	15.15	252	1249281m	136.93	ng		
88) Benzo(k)fluoranthene	15.17	252	793636m	100.75	ng		
89) Benzo(a)pyrene	15.51	252	731351	92.67	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	812245	127.34	ng		96
91) Benzo(g,h,i)perylene	17.48	276	599943	93.11	ng	#	96

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

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