Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092453.D
Acq On : 25 Jan 2017 2:25
Operator : UM/SJ
Sample : I1379-06MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-COMPOSITEMS

Manual Integrations APPROVED
mohammad
1/25/2017 3:50:17 PM

Quant Time: Jan 25 05:33:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155276	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	615179	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	333112	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	506877	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	343978	20.00	ng		-0.01
86) Perylene-d12	15.63	264	308609	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1369173	137.19	ng		0.03
7) Phenol-d6	6.59	99	1602793	126.08	ng		0.00
23) Nitrobenzene-d5	7.54	82	1139644	101.20	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	348523	153.53	ng		0.01
44) 2-Fluorobiphenyl	9.34	172	1842358	102.27	ng		-0.01
78) Terphenyl-d14	13.11	244	1301271	100.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	224480	42.29	ng	#	71
3) Pyridine	3.53	79	509358	33.71	ng		87
4) n-Nitrosodimethylamine	3.46	42	322783	43.54	ng	#	81
6) Aniline	6.62	93	400870	21.14	ng	#	47
8) 2-Chlorophenol	6.75	128	477955	45.59	ng		86
9) Benzaldehyde	6.51	77	205672	22.80	ng		87
10) Phenol	6.61	94	559578	36.47	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	520660	45.35	ng		91
12) 1,3-Dichlorobenzene	6.91	146	575780m	46.44	ng		
13) 1,4-Dichlorobenzene	6.99	146	601145	48.18	ng		95
14) 1,2-Dichlorobenzene	7.14	146	508942	42.99	ng		96
15) Benzyl Alcohol	7.10	79	506205	52.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1036208	45.63	ng		92
17) 2-Methylphenol	7.22	107	430650	48.08	ng		96
18) Hexachloroethane	7.49	117	196997	45.83	ng	#	84
19) n-Nitroso-di-n-propylamine	7.39	70	399939	46.20	ng		94
20) 3+4-Methylphenols	7.38	107	537329	49.45	ng		92
22) Acetophenone	7.38	105	739643	50.48	ng	#	86
24) Nitrobenzene	7.56	77	599672	50.83	ng	#	82
25) Isophorone	7.80	82	1135579	51.17	ng		97
26) 2-Nitrophenol	7.87	139	248580	50.28	ng		92
27) 2,4-Dimethylphenol	7.90	122	504692	49.09	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	642705	44.12	ng		98
29) 2,4-Dichlorophenol	8.11	162	440167	49.38	ng		87
30) 1,2,4-Trichlorobenzene	8.20	180	460277	47.77	ng		96
31) Naphthalene	8.28	128	1424982	45.26	ng		99
32) Benzoic acid	8.03	122	325207	42.87	ng		97
33) 4-Chloroaniline	8.33	127	199744	15.00	ng		98
34) Hexachlorobutadiene	8.41	225	255425	48.47	ng		99
35) Caprolactam	8.70	113	120277m	40.41	ng		
36) 4-Chloro-3-methylphenol	8.82	107	492135	51.20	ng		88
37) 2-Methylnaphthalene	8.98	142	971392	48.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	469520	55.88	ng		100
40) Hexachlorocyclopentadiene	9.14	237	308708	73.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	341140	52.99	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	312048	52.97	ng	#	88
45) 1,1'-Biphenyl	9.45	154	1156800	48.04	ng		96
46) 2-Chloronaphthalene	9.47	162	907414	46.14	ng		95
47) 2-Nitroaniline	9.56	65	307124	46.37	ng		91
48) Acenaphthylene	9.89	152	1466261	50.83	ng		99
49) Dimethylphthalate	9.76	163	1169860	55.23	ng		100
50) 2,6-Dinitrotoluene	9.81	165	257216	59.41	ng	#	89
51) Acenaphthene	10.06	154	864861	48.25	ng		97
52) 3-Nitroaniline	9.97	138	148886	27.46	ng		91
53) 2,4-Dinitrophenol	10.09	184	97636	46.58	ng		96
54) Dibenzofuran	10.24	168	1207878	49.63	ng		98
55) 4-Nitrophenol	10.13	139	357478	83.01	ng		93
56) 2,4-Dinitrotoluene	10.21	165	294212	51.19	ng		94
57) Fluorene	10.58	166	834651	46.25	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	236847	53.67	ng		99
59) Diethylphthalate	10.45	149	1043369	51.37	ng		100
60) 4-Chlorophenyl-phenylether	10.58	204	445284	50.87	ng	#	75
61) 4-Nitroaniline	10.60	138	263980	48.67	ng		90
62) Azobenzene	10.74	77	1271942	55.03	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	92980	35.48	ng	#	76
65) n-Nitrosodiphenylamine	10.69	169	834872	52.74	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	277930	54.31	ng	#	84
67) Hexachlorobenzene	11.13	284	244363	47.24	ng	#	79
68) Atrazine	11.22	200	271890	50.18	ng		99
69) Pentachlorophenol	11.32	266	283473	85.71	ng		98
70) Phenanthrene	11.55	178	1462297	52.39	ng		99
71) Anthracene	11.60	178	1301488	47.71	ng		99
72) Carbazole	11.76	167	1318972	50.64	ng	#	96
73) Di-n-butylphthalate	12.09	149	1687710	56.67	ng	#	97
74) Fluoranthene	12.73	202	1274527	46.68	ng		97
76) Benzidine	12.85	184	239238	18.74	ng		96
77) Pyrene	12.96	202	1255115	50.36	ng		99
79) Butylbenzylphthalate	13.59	149	642238	63.61	ng	#	83
80) Benzo(a)anthracene	14.15	228	866337	46.86	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	255024	36.33	ng	#	96
82) Chrysene	14.18	228	851000	43.10	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	756285	59.47	ng	#	96
84) Di-n-octyl phthalate	14.75	149	1303169	56.45	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	928907	63.59	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	1028643	51.92	ng		97
88) Benzo(k)fluoranthene	15.23	252	716323m	43.48	ng		
89) Benzo(a)pyrene	15.57	252	888407	53.01	ng		98
90) Dibenzo(a,h)anthracene	17.14	278	791358	58.39	ng		96
91) Benzo(g,h,i)perylene	17.57	276	766998	55.96	ng		95

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

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