Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092521.D
Acq On : 26 Jan 2017 13:10
Operator : SJ/MA
Sample : I1386-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:11 PM

Quant Time: Jan 27 00:28:15 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	153133	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	579415	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	268126	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	381470	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	275745	20.00	ng		0.00
86) Perylene-d12	15.64	264	212189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1342878	136.44	ng		0.02
7) Phenol-d6	6.60	99	1652944	131.84	ng		0.01
23) Nitrobenzene-d5	7.54	82	1023233	96.47	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	210570	115.24	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1562326	107.75	ng		-0.01
78) Terphenyl-d14	13.11	244	1062350	102.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	175431	33.52	ng	#	81
3) Pyridine	3.40	79	509894	34.22	ng	#	83
4) n-Nitrosodimethylamine	3.36	42	279809	38.27	ng		81
6) Aniline	6.62	93	365950	19.57	ng	#	50
8) 2-Chlorophenol	6.75	128	397776	38.48	ng	#	81
9) Benzaldehyde	6.51	77	255482	28.72	ng		91
10) Phenol	6.61	94	658718	43.53	ng	#	74
11) bis(2-Chloroethyl)ether	6.70	93	431553	38.12	ng		91
12) 1,3-Dichlorobenzene	6.91	146	474692m	38.83	ng		
13) 1,4-Dichlorobenzene	6.99	146	506612	41.17	ng		95
14) 1,2-Dichlorobenzene	7.15	146	428482m	36.70	ng		
15) Benzyl Alcohol	7.12	79	443739	46.97	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	857048	38.27	ng		92
17) 2-Methylphenol	7.23	107	387398	43.86	ng	#	93
18) Hexachloroethane	7.49	117	138890	32.76	ng	#	87
19) n-Nitroso-di-n-propylamine	7.39	70	328362	38.46	ng		95
20) 3+4-Methylphenols	7.38	107	425100	39.67	ng		95
22) Acetophenone	7.39	105	620425	44.96	ng	#	89
24) Nitrobenzene	7.56	77	531015	47.79	ng		91
25) Isophorone	7.80	82	886656	42.42	ng		99
26) 2-Nitrophenol	7.88	139	190510	40.91	ng	#	75
27) 2,4-Dimethylphenol	7.92	122	423748	43.76	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	523552	38.16	ng		98
29) 2,4-Dichlorophenol	8.12	162	350693	41.77	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	358391	39.49	ng		94
31) Naphthalene	8.28	128	1132636	38.19	ng		99
33) 4-Chloroaniline	8.33	127	235311	18.76	ng	#	93
34) Hexachlorobutadiene	8.41	225	208029	41.91	ng		98
35) Caprolactam	8.69	113	101381	36.16	ng	#	40
36) 4-Chloro-3-methylphenol	8.82	107	368218	40.67	ng		96
37) 2-Methylnaphthalene	8.98	142	714894	38.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	361008	53.38	ng		99
40) Hexachlorocyclopentadiene	9.14	237	45790	13.52	ng		99
42) 2,4,6-Trichlorophenol	9.26	196	189826	36.63	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	196171	41.37	ng		94
45) 1,1'-Biphenyl	9.45	154	843568	43.52	ng		97
46) 2-Chloronaphthalene	9.47	162	657182	41.51	ng		94
47) 2-Nitroaniline	9.56	65	230104	43.16	ng		88
48) Acenaphthylene	9.89	152	1055812	45.47	ng		99
49) Dimethylphthalate	9.76	163	909815	53.36	ng		99
50) 2,6-Dinitrotoluene	9.81	165	171629	49.25	ng		96
51) Acenaphthene	10.06	154	585604	40.59	ng		97
52) 3-Nitroaniline	9.98	138	175730	40.26	ng	#	70
54) Dibenzofuran	10.24	168	871162	44.47	ng		97
55) 4-Nitrophenol	10.13	139	120869	34.87	ng	#	78
56) 2,4-Dinitrotoluene	10.21	165	196952	42.58	ng		91
57) Fluorene	10.58	166	601362	41.40	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	91853	25.86	ng	#	98
59) Diethylphthalate	10.45	149	734316	44.91	ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	305094	43.30	ng	#	73
61) 4-Nitroaniline	10.59	138	152892	35.02	ng		95
62) Azobenzene	10.74	77	800572	43.03	ng		88
64) 4,6-Dinitro-2-methylphenol	10.62	198	1574m	5.64	ng		
65) n-Nitrosodiphenylamine	10.69	169	597586	50.16	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	177976	46.21	ng	#	79
67) Hexachlorobenzene	11.13	284	157716	40.51	ng	#	79
68) Atrazine	11.22	200	167383	41.05	ng		99
69) Pentachlorophenol	11.32	266	66683	26.79	ng		98
70) Phenanthrene	11.55	178	1255050	59.74	ng		98
71) Anthracene	11.60	178	948326	46.19	ng		98
72) Carbazole	11.76	167	847065	43.21	ng		96
73) Di-n-butylphthalate	12.09	149	1123285	50.11	ng	#	96
74) Fluoranthene	12.74	202	1638537	79.74	ng		97
76) Benzidine	12.85	184	252266	24.64	ng		98
77) Pyrene	12.97	202	1542566	77.21	ng		99
79) Butylbenzylphthalate	13.59	149	429133	53.02	ng	#	81
80) Benzo(a)anthracene	14.16	228	960304	64.80	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	183186	32.56	ng		98
82) Chrysene	14.19	228	927157	58.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	550400	53.99	ng	#	97
84) Di-n-octyl phthalate	14.76	149	944553	51.04	ng		97
85) Indeno(1,2,3-cd)pyrene	17.15	276	613779	52.42	ng		96
87) Benzo(b)fluoranthene	15.22	252	965643m	70.89	ng		
88) Benzo(k)fluoranthene	15.24	252	529265m	46.73	ng		
89) Benzo(a)pyrene	15.59	252	673160	58.42	ng	#	97
90) Dibenzo(a,h)anthracene	17.16	278	461793	49.56	ng	#	96
91) Benzo(g,h,i)perylene	17.60	276	522736	55.47	ng	#	90

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

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