Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091484.D
Acq On : 7 Dec 2016 22:07
Operator : UM/SJ
Sample : H5869-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4MS

Manual Integrations APPROVED
sohil
12/8/2016 2:05:34 PM

Quant Time: Dec 08 01:09:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150741	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	570947	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	349821	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	520730	20.00	ng		0.00
75) Chrysene-d12	13.99	240	314031	20.00	ng		0.01
86) Perylene-d12	15.41	264	333463	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	847878	91.89	ng		0.01
7) Phenol-d6	6.48	99	1262728	111.17	ng		0.01
23) Nitrobenzene-d5	7.40	82	792065	77.74	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	375215	113.30	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1453402	75.23	ng		0.00
78) Terphenyl-d14	12.94	244	1039236	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	110191	26.40	ng	#	78
3) Pyridine	3.19	79	295832	25.04	ng	#	82
4) n-Nitrosodimethylamine	3.14	42	211673	34.15	ng		95
6) Aniline	6.49	93	299941	19.88	ng	#	1
8) 2-Chlorophenol	6.62	128	330174	32.64	ng	#	81
9) Benzaldehyde	6.38	77	82935m	11.35	ng		
10) Phenol	6.49	94	544907	40.77	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	335194	35.10	ng		98
12) 1,3-Dichlorobenzene	6.78	146	377297	33.53	ng		95
13) 1,4-Dichlorobenzene	6.85	146	365449	32.65	ng		96
14) 1,2-Dichlorobenzene	7.01	146	383673	36.80	ng		96
15) Benzyl Alcohol	6.98	79	344485	37.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	684682	33.34	ng		73
17) 2-Methylphenol	7.10	107	293007	36.64	ng	#	77
18) Hexachloroethane	7.35	117	148334	37.32	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	278741	38.95	ng	#	91
20) 3+4-Methylphenols	7.25	107	362523	37.13	ng	#	62
22) Acetophenone	7.25	105	509828	37.67	ng	#	82
24) Nitrobenzene	7.42	77	394035	37.78	ng		91
25) Isophorone	7.66	82	694211	38.46	ng		99
26) 2-Nitrophenol	7.74	139	200632	42.21	ng	#	81
27) 2,4-Dimethylphenol	7.77	122	320836	36.08	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	468168	43.09	ng		99
29) 2,4-Dichlorophenol	7.98	162	313067	40.02	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	328371	37.44	ng		99
31) Naphthalene	8.14	128	1117648	41.19	ng		99
33) 4-Chloroaniline	8.18	127	185318	15.98	ng	#	92
34) Hexachlorobutadiene	8.26	225	213298	39.55	ng		98
35) Caprolactam	8.56	113	87944m	39.11	ng		
36) 4-Chloro-3-methylphenol	8.68	107	305957	36.23	ng		97
37) 2-Methylnaphthalene	8.84	142	755637	40.99	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	312743	31.71	ng		98
40) Hexachlorocyclopentadiene	8.98	237	269068	58.86	ng		98
42) 2,4,6-Trichlorophenol	9.11	196	230128	35.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	227922	35.49	ng		93
45) 1,1'-Biphenyl	9.29	154	798046	31.73	ng		97
46) 2-Chloronaphthalene	9.32	162	598490	31.95	ng		98
47) 2-Nitroaniline	9.42	65	246614	36.65	ng		94
48) Acenaphthylene	9.74	152	1029490	34.91	ng		99
49) Dimethylphthalate	9.60	163	816966	38.57	ng		98
50) 2,6-Dinitrotoluene	9.66	165	162446	34.31	ng		98
51) Acenaphthene	9.91	154	711912	35.79	ng		96
52) 3-Nitroaniline	9.82	138	103829	18.95	ng		83
53) 2,4-Dinitrophenol	9.92	184	46508	22.46	ng	#	46
54) Dibenzofuran	10.08	168	976594	36.67	ng		91
55) 4-Nitrophenol	9.99	139	210867	53.28	ng		95
56) 2,4-Dinitrotoluene	10.06	165	215132	35.03	ng	#	68
57) Fluorene	10.42	166	740584	36.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	199059	36.29	ng	#	96
59) Diethylphthalate	10.30	149	713574	34.13	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	340010	33.16	ng	#	90
61) 4-Nitroaniline	10.44	138	134368	26.11	ng		84
62) Azobenzene	10.57	77	773412	36.25	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	95348	33.24	ng	#	37
65) n-Nitrosodiphenylamine	10.53	169	608503	38.54	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	236763	42.30	ng	#	77
67) Hexachlorobenzene	10.96	284	207197	34.26	ng	#	76
68) Atrazine	11.06	200	216529	42.35	ng		95
69) Pentachlorophenol	11.16	266	232505	65.30	ng		97
70) Phenanthrene	11.37	178	1101676	40.71	ng		99
71) Anthracene	11.43	178	1044192	38.88	ng		99
72) Carbazole	11.58	167	750931	30.82	ng		98
73) Di-n-butylphthalate	11.92	149	1071724	38.81	ng		99
74) Fluoranthene	12.56	202	1059476	41.34	ng		99
76) Benzidine	12.69	184	225370	24.45	ng		97
77) Pyrene	12.79	202	1110651	46.60	ng		99
79) Butylbenzylphthalate	13.41	149	329023	36.87	ng		87
80) Benzo(a)anthracene	13.98	228	796379	43.36	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	145366	22.47	ng	#	99
82) Chrysene	14.01	228	782476	43.06	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	476076	42.09	ng	#	90
84) Di-n-octyl phthalate	14.59	149	768755	44.91	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	716502	43.06	ng	#	91
87) Benzo(b)fluoranthene	15.00	252	1023643m	49.39	ng		
88) Benzo(k)fluoranthene	15.03	252	501158m	28.75	ng		
89) Benzo(a)pyrene	15.35	252	775147m	41.64	ng		
90) Dibenzo(a,h)anthracene	16.81	278	555708	32.28	ng	#	89
91) Benzo(g,h,i)perylene	17.21	276	598040m	33.69	ng		

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

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