Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091099.D
Acq On : 8 Nov 2016 23:07
Operator : UM/SJ
Sample : H5537-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MSD

Manual Integrations APPROVED
umangi
11/9/2016 4:24:06 PM

Quant Time: Nov 09 11:51:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	200920	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	811825	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	387459	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	562247	20.00	ng		0.01
75) Chrysene-d12	13.81	240	440939	20.00	ng		0.00
86) Perylene-d12	15.19	264	373648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1584201	130.22	ng		0.02
7) Phenol-d6	6.33	99	2096245	126.95	ng		0.01
23) Nitrobenzene-d5	7.24	82	1446487	97.20	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	538650	153.77	ng		0.01
44) 2-Fluorobiphenyl	9.04	172	2250090	99.98	ng		0.00
78) Terphenyl-d14	12.76	244	1524790	86.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	237289	34.10	ng		97
3) Pyridine	2.85	79	734533	45.12	ng		97
4) n-Nitrosodimethylamine	2.82	42	300135	46.61	ng		91
6) Aniline	6.33	93	606885	31.16	ng	#	89
8) 2-Chlorophenol	6.45	128	684127	47.14	ng		93
9) Benzaldehyde	6.20	77	81895	8.94	ng		88
10) Phenol	6.34	94	774493	42.38	ng	#	80
11) bis(2-Chloroethyl)ether	6.41	93	624568	40.56	ng		98
12) 1,3-Dichlorobenzene	6.60	146	677647m	46.17	ng		
13) 1,4-Dichlorobenzene	6.68	146	724315	46.00	ng		97
14) 1,2-Dichlorobenzene	6.83	146	591009	40.89	ng		95
15) Benzyl Alcohol	6.82	79	492176	42.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	872865	39.58	ng		86
17) 2-Methylphenol	6.94	107	519803	45.25	ng		95
18) Hexachloroethane	7.17	117	267089	43.83	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	504215	44.06	ng		99
20) 3+4-Methylphenols	7.10	107	686118	49.74	ng		96
22) Acetophenone	7.08	105	959056	51.31	ng	#	96
24) Nitrobenzene	7.25	77	712935	43.38	ng		91
25) Isophorone	7.50	82	1409092	49.14	ng		96
26) 2-Nitrophenol	7.57	139	364433	52.39	ng	#	84
27) 2,4-Dimethylphenol	7.63	122	633287	55.06	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	811704	51.81	ng		98
29) 2,4-Dichlorophenol	7.82	162	546904	54.48	ng		95
30) 1,2,4-Trichlorobenzene	7.89	180	529084	46.87	ng		98
31) Naphthalene	7.97	128	1729981	44.56	ng		98
32) Benzoic acid	7.74	122	91747	14.22	ng		98
33) 4-Chloroaniline	8.03	127	296619	18.37	ng	#	91
34) Hexachlorobutadiene	8.10	225	319752	52.48	ng		97
35) Caprolactam	8.42	113	170145m	53.95	ng		
36) 4-Chloro-3-methylphenol	8.53	107	549054	45.18	ng		89
37) 2-Methylnaphthalene	8.67	142	1247491	49.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	477437	48.33	ng		99
40) Hexachlorocyclopentadiene	8.82	237	241350	64.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	359610	56.39	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	372017	55.56	ng		95
45) 1,1'-Biphenyl	9.13	154	1294095	45.74	ng		99
46) 2-Chloronaphthalene	9.15	162	1064433	49.55	ng		98
47) 2-Nitroaniline	9.25	65	377144	47.31	ng	#	84
48) Acenaphthylene	9.56	152	1465617	43.78	ng		100
49) Dimethylphthalate	9.45	163	1744511	68.66	ng		98
50) 2,6-Dinitrotoluene	9.50	165	299650	55.03	ng	#	79
51) Acenaphthene	9.73	154	892099	42.45	ng		99
52) 3-Nitroaniline	9.66	138	200491	31.05	ng		85
53) 2,4-Dinitrophenol	9.78	184	126042	45.43	ng	#	57
54) Dibenzofuran	9.90	168	1329212	46.99	ng		99
55) 4-Nitrophenol	9.86	139	347580	80.77	ng		88
56) 2,4-Dinitrotoluene	9.90	165	314494	45.40	ng	#	64
57) Fluorene	10.25	166	974847	42.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	254320	48.48	ng		97
59) Diethylphthalate	10.13	149	1218534	46.78	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	541248	51.43	ng		97
61) 4-Nitroaniline	10.29	138	271970	41.64	ng		91
62) Azobenzene	10.41	77	1520511	49.59	ng		98
64) 4,6-Dinitro-2-methylphenol	10.32	198	133485	38.77	ng	#	44
65) n-Nitrosodiphenylamine	10.37	169	1034522	57.89	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	289411	49.49	ng		98
67) Hexachlorobenzene	10.80	284	347831	53.93	ng		98
68) Atrazine	10.90	200	260003	50.43	ng		95
69) Pentachlorophenol	11.00	266	304831	106.70	ng		98
70) Phenanthrene	11.21	178	1720886	57.58	ng		99
71) Anthracene	11.25	178	1466136	46.14	ng		100
72) Carbazole	11.41	167	1275588	44.54	ng		100
73) Di-n-butylphthalate	11.76	149	1879959	52.20	ng		99
74) Fluoranthene	12.39	202	1446592	46.67	ng		98
76) Benzidine	12.52	184	500685	50.83	ng		97
77) Pyrene	12.61	202	1406826	48.72	ng		100
79) Butylbenzylphthalate	13.24	149	681029	49.30	ng		93
80) Benzo(a)anthracene	13.80	228	1177611	47.04	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	327686	37.26	ng	#	97
82) Chrysene	13.84	228	1083202m	43.88	ng		
83) Bis(2-ethylhexyl)phthalate	13.80	149	863523	46.20	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1495271	48.65	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	1062372	51.87	ng		95
87) Benzo(b)fluoranthene	14.81	252	1179733m	46.55	ng		
88) Benzo(k)fluoranthene	14.83	252	1044519m	46.99	ng		
89) Benzo(a)pyrene	15.13	252	1078706	48.89	ng	#	94
90) Dibenzo(a,h)anthracene	16.49	278	883679	46.33	ng		98
91) Benzo(g,h,i)perylene	16.87	276	827015	47.95	ng	#	93

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

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