Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094089.D
Acq On : 31 Mar 2017 11:47
Operator : SJ/MA
Sample : I2384-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Manual Integrations APPROVED
mohammad
3/31/2017 4:31:48 PM

Quant Time: Apr 03 04:16:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	176374	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	697009	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	319179	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	551906	20.00	ng		0.00
75) Chrysene-d12	14.63	240	414252	20.00	ng		0.00
86) Perylene-d12	16.25	264	228581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1249858	119.69	ng		0.02
7) Phenol-d6	5.52	99	1541787	119.35	ng		0.00
23) Nitrobenzene-d5	6.56	82	1032887	84.57	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	359309	142.46	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	1882481	89.96	ng		0.00
78) Terphenyl-d14	13.35	244	1557900	84.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	188889	37.65	ng	#	81
3) Pyridine	2.87	79	401532	29.37	ng		98
4) n-Nitrosodimethylamine	2.81	42	231809	41.20	ng		90
6) Aniline	5.53	93	218423	12.15	ng	#	1
8) 2-Chlorophenol	5.67	128	502986	43.82	ng		98
9) Benzaldehyde	5.39	77	83585	9.58	ng		97
10) Phenol	5.53	94	563720	38.35	ng		98
11) bis(2-Chloroethyl)ether	5.61	93	540569	47.05	ng		98
12) 1,3-Dichlorobenzene	5.83	146	534972	41.55	ng		99
13) 1,4-Dichlorobenzene	5.92	146	550265	42.20	ng		97
14) 1,2-Dichlorobenzene	6.10	146	560572	46.68	ng		97
15) Benzyl Alcohol	6.07	79	395568	41.84	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.23	45	688091	38.87	ng		95
17) 2-Methylphenol	6.22	107	426002	43.34	ng		96
18) Hexachloroethane	6.49	117	192627	42.03	ng		89
19) n-Nitroso-di-n-propylamine	6.39	70	357283	43.03	ng		99
20) 3+4-Methylphenols	6.40	107	542225	45.54	ng	#	63
22) Acetophenone	6.37	105	726962	46.80	ng	#	86
24) Nitrobenzene	6.57	77	526038	43.67	ng		93
25) Isophorone	6.86	82	941891	43.89	ng		95
26) 2-Nitrophenol	6.95	139	289260	50.35	ng		98
27) 2,4-Dimethylphenol	7.02	122	475206	48.01	ng		97
28) bis(2-Chloroethoxy)methane	7.12	93	601356	42.49	ng		99
29) 2,4-Dichlorophenol	7.25	162	443905	47.97	ng		97
30) 1,2,4-Trichlorobenzene	7.34	180	432509	45.37	ng		99
31) Naphthalene	7.43	128	1979306	59.06	ng		100
32) Benzoic acid	7.18	122	257743	39.12	ng		90
33) 4-Chloroaniline	7.50	127	114730	8.45	ng	#	94
34) Hexachlorobutadiene	7.59	225	218265	44.65	ng		97
35) Caprolactam	7.96	113	126758m	42.95	ng		
36) 4-Chloro-3-methylphenol	8.12	107	462641	47.84	ng		90
37) 2-Methylnaphthalene	8.27	142	1134544	50.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	377551	43.24	ng		99
40) Hexachlorocyclopentadiene	8.47	237	333872	81.71	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	296101	47.93	ng		97
43) 2,4,5-Trichlorophenol	8.69	196	303856	45.46	ng	#	92
45) 1,1'-Biphenyl	8.85	154	1142779	44.39	ng		98
46) 2-Chloronaphthalene	8.87	162	897317	44.53	ng		95
47) 2-Nitroaniline	9.00	65	267095	44.68	ng	#	78
48) Acenaphthylene	9.37	152	1416976	42.31	ng		99
49) Dimethylphthalate	9.24	163	1061243	46.77	ng		99
50) 2,6-Dinitrotoluene	9.30	165	244263	46.96	ng		94
51) Acenaphthene	9.59	154	868131	44.42	ng		99
52) 3-Nitroaniline	9.50	138	89576	14.67	ng		89
53) 2,4-Dinitrophenol	9.63	184	178946	65.21	ng	#	75
54) Dibenzofuran	9.80	168	1249480	46.97	ng		99
55) 4-Nitrophenol	9.75	139	363693	76.04	ng	#	67
56) 2,4-Dinitrotoluene	9.80	165	292512	44.77	ng	#	69
57) Fluorene	10.22	166	938090	42.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	225056	49.07	ng		97
59) Diethylphthalate	10.11	149	1026304	45.77	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	404241	43.01	ng		94
61) 4-Nitroaniline	10.26	138	199000	33.95	ng		95
62) Azobenzene	10.42	77	974830	45.95	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139974	41.41	ng	#	73
65) n-Nitrosodiphenylamine	10.38	169	696203	36.48	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	254821	46.95	ng		99
67) Hexachlorobenzene	10.90	284	258580	47.06	ng	#	85
68) Atrazine	11.04	200	73395	12.84	ng		95
69) Pentachlorophenol	11.15	266	267454	78.20	ng		99
70) Phenanthrene	11.40	178	1380005	44.95	ng		99
71) Anthracene	11.47	178	1406941	44.51	ng		98
72) Carbazole	11.67	167	1039071	32.06	ng		98
73) Di-n-butylphthalate	12.12	149	1576380	46.76	ng		99
74) Fluoranthene	12.86	202	1392131	44.28	ng		99
77) Pyrene	13.14	202	1397347	46.48	ng		99
79) Butylbenzylphthalate	13.96	149	665394	51.95	ng	#	85
80) Benzo(a)anthracene	14.62	228	1074632	44.49	ng		99
81) 3,3'-Dichlorobenzidine	14.58	252	26048	3.02	ng		96
82) Chrysene	14.66	228	959158	42.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	900392	51.52	ng	#	99
84) Di-n-octyl phthalate	15.43	149	1424738	48.80	ng		98
85) Indeno(1,2,3-cd)pyrene	17.60	276	817964	42.13	ng		100
87) Benzo(b)fluoranthene	15.84	252	868758	62.00	ng		98
88) Benzo(k)fluoranthene	15.88	252	752782m	54.91	ng		
89) Benzo(a)pyrene	16.19	252	725809	56.25	ng		98
90) Dibenzo(a,h)anthracene	17.63	278	680195	62.25	ng		98
91) Benzo(g,h,i)perylene	18.00	276	688185	62.49	ng		99

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

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