Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093584.D
Acq On : 11 Mar 2017 23:00
Operator : SJ/MA
Sample : I2106-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-SB419AMSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:34:13 PM

Quant Time: Mar 13 19:23:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150072	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	277358	20.00	ng		0.01
38) Acenaphthene-d10	9.81	164	118864	20.00	ng		0.05
63) Phenanthrene-d10	11.29	188	212896	20.00	ng		0.05
75) Chrysene-d12	13.89	240	319811	20.00	ng		0.00
86) Perylene-d12	15.29	264	286884	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1518563	168.41	ng		0.01
7) Phenol-d6	6.40	99	1625377	142.94	ng		0.02
23) Nitrobenzene-d5	7.30	82	989632	197.97	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	123644	159.66	ng		0.06
44) 2-Fluorobiphenyl	9.12	172	756664	118.41	ng		0.03
78) Terphenyl-d14	12.84	244	834689	67.86	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	213397	42.97	ng	#	84
3) Pyridine	2.93	79	383664	30.30	ng		87
4) n-Nitrosodimethylamine	2.87	42	326254	53.94	ng		83
6) Aniline	6.41	93	97776	6.27	ng	#	1
8) 2-Chlorophenol	6.52	128	454257	44.96	ng		92
9) Benzaldehyde	6.28	77	88701	9.45	ng		90
10) Phenol	6.41	94	706626	50.71	ng	#	70
11) bis(2-Chloroethyl)ether	6.47	93	545072	48.40	ng		96
12) 1,3-Dichlorobenzene	6.66	146	486848	42.10	ng		96
13) 1,4-Dichlorobenzene	6.74	146	506357	42.77	ng		98
14) 1,2-Dichlorobenzene	6.89	146	411142m	39.21	ng		
15) Benzyl Alcohol	6.89	79	335614	41.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	679765	36.34	ng	#	36
17) 2-Methylphenol	7.02	107	343422	40.19	ng	#	88
18) Hexachloroethane	7.24	117	145269	36.38	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	379955	48.60	ng	#	92
20) 3+4-Methylphenols	7.18	107	465659	42.02	ng	#	75
22) Acetophenone	7.16	105	574950	86.14	ng	#	88
24) Nitrobenzene	7.33	77	411643m	73.27	ng		
25) Isophorone	7.57	82	946955	93.94	ng	#	78
26) 2-Nitrophenol	7.65	139	209343	81.67	ng	#	44
27) 2,4-Dimethylphenol	7.70	122	352501	84.54	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	464799	73.04	ng	#	41
29) 2,4-Dichlorophenol	7.91	162	527907	134.57	ng	#	84
30) 1,2,4-Trichlorobenzene	7.97	180	288924	69.26	ng	#	95
31) Naphthalene	8.05	128	1138159	81.89	ng	#	83
32) Benzoic acid	7.83	122	113153	52.22	ng	#	54
33) 4-Chloroaniline	8.13	127	56250	9.97	ng	#	11
34) Hexachlorobutadiene	8.16	225	158085	73.57	ng		99
35) Caprolactam	8.48	113	353048	263.52	ng	#	1
36) 4-Chloro-3-methylphenol	8.62	107	233431	55.75	ng		91
37) 2-Methylnaphthalene	8.76	142	494992	55.97	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	174501	53.76	ng	#	87
40) Hexachlorocyclopentadiene	8.90	237	16809	29.51	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	109680	54.09	ng		86
43) 2,4,5-Trichlorophenol	9.10	196	87699	40.30	ng	#	1
45) 1,1'-Biphenyl	9.22	154	435143	50.25	ng		96
46) 2-Chloronaphthalene	9.25	162	376556	56.81	ng	#	82
47) 2-Nitroaniline	9.35	65	104709	44.69	ng	#	71
48) Acenaphthylene	9.67	152	449404	41.11	ng	#	63
49) Dimethylphthalate	9.52	163	220417	27.97	ng	#	72
50) 2,6-Dinitrotoluene	9.61	165	99325	57.44	ng	#	28
51) Acenaphthene	9.84	154	426903	66.04	ng	#	81
52) 3-Nitroaniline	9.76	138	93386	44.95	ng	#	65
53) 2,4-Dinitrophenol	9.86	184	2236	2.84	ng	#	1
54) Dibenzofuran	10.02	168	483246	59.73	ng	#	30
55) 4-Nitrophenol	10.02	139	377399	374.03	ng	#	48
56) 2,4-Dinitrotoluene	10.05	165	133419	62.81	ng	#	77
57) Fluorene	10.37	166	584256	85.22	ng	#	80
58) 2,3,4,6-Tetrachlorophenol	10.16	232	43116	28.08	ng	#	1
59) Diethylphthalate	10.23	149	271244	36.02	ng	#	86
60) 4-Chlorophenyl-phenylether	10.36	204	127199	41.39	ng	#	47
61) 4-Nitroaniline	10.39	138	57070m	26.86	ng		
62) Azobenzene	10.52	77	288087	33.66	ng	#	29
64) 4,6-Dinitro-2-methylphenol	10.46	198	7941	5.76	ng	#	1
65) n-Nitrosodiphenylamine	10.41	169	478310	67.28	ng		95
66) 4-Bromophenyl-phenylether	10.84	248	96379	42.81	ng	#	56
67) Hexachlorobenzene	10.95	284	66577	30.97	ng	#	65
68) Atrazine	11.00	200	124022	59.61	ng		85
69) Pentachlorophenol	11.12	266	64540	86.96	ng		97
70) Phenanthrene	11.32	178	1647496	135.57	ng	#	95
71) Anthracene	11.37	178	588472	47.87	ng	#	81
72) Carbazole	11.52	167	406395	35.19	ng	#	79
73) Di-n-butylphthalate	11.83	149	679721	50.88	ng		98
74) Fluoranthene	12.48	202	846034	72.08	ng		98
76) Benzidine	12.61	184	71562	6.80	ng	#	54
77) Pyrene	12.71	202	1156225	49.71	ng		98
79) Butylbenzylphthalate	13.31	149	435380	44.47	ng		88
80) Benzo(a)anthracene	13.88	228	841030	44.53	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	146725	22.18	ng	#	97
82) Chrysene	13.91	228	719955	41.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	611742	44.83	ng		99
84) Di-n-octyl phthalate	14.47	149	1057699	46.50	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.64	276	680887	46.55	ng		95
87) Benzo(b)fluoranthene	14.89	252	766806m	43.89	ng		
88) Benzo(k)fluoranthene	14.92	252	765228m	45.42	ng		
89) Benzo(a)pyrene	15.24	252	754180	47.23	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	572262	43.32	ng		98
91) Benzo(g,h,i)perylene	17.04	276	576075	42.49	ng	#	90

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

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