Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093051.D
Acq On : 21 Feb 2017 1:44
Operator : SJ/MA
Sample : I1913-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:44 PM

Quant Time: Feb 21 03:11:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154584	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	599240	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	283661	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	476643	20.00	ng		0.00
75) Chrysene-d12	14.01	240	306195	20.00	ng		-0.01
86) Perylene-d12	15.44	264	292763	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1148694	127.49	ng		0.00
7) Phenol-d6	6.50	99	1638144	141.30	ng		0.01
23) Nitrobenzene-d5	7.42	82	1024728	95.23	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	266914	130.10	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1657600	105.87	ng		0.00
78) Terphenyl-d14	12.96	244	1116086	85.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	188321	38.68	ng	#	84
3) Pyridine	3.20	79	490470	39.62	ng		88
4) n-Nitrosodimethylamine	3.15	42	259416	44.63	ng		89
6) Aniline	6.51	93	292610	18.50	ng	#	61
8) 2-Chlorophenol	6.64	128	471544	47.44	ng		95
9) Benzaldehyde	6.38	77	92003	11.08	ng	#	81
10) Phenol	6.51	94	649036	47.85	ng		78
11) bis(2-Chloroethyl)ether	6.59	93	485716	44.86	ng		97
12) 1,3-Dichlorobenzene	6.78	146	510334	43.83	ng	#	94
13) 1,4-Dichlorobenzene	6.86	146	546657	46.39	ng		96
14) 1,2-Dichlorobenzene	7.01	146	470633	41.77	ng		96
15) Benzyl Alcohol	6.99	79	383588	44.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	794805	42.26	ng		99
17) 2-Methylphenol	7.12	107	402190	47.16	ng		96
18) Hexachloroethane	7.36	117	178149	44.29	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	330958	44.84	ng		95
20) 3+4-Methylphenols	7.28	107	478769	46.96	ng	#	78
22) Acetophenone	7.26	105	621400	45.42	ng	#	95
24) Nitrobenzene	7.44	77	476319	43.11	ng		98
25) Isophorone	7.68	82	929902	46.37	ng		95
26) 2-Nitrophenol	7.76	139	266595	50.76	ng		94
27) 2,4-Dimethylphenol	7.80	122	458410	49.70	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	627659	47.26	ng		100
29) 2,4-Dichlorophenol	8.01	162	388897	45.20	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	400324	43.18	ng	#	94
31) Naphthalene	8.16	128	1259191	41.45	ng		99
32) Benzoic acid	7.92	122	126868	27.82	ng		94
33) 4-Chloroaniline	8.21	127	109729	9.21	ng		98
34) Hexachlorobutadiene	8.28	225	215491	42.25	ng		98
35) Caprolactam	8.59	113	124967m	46.18	ng		
36) 4-Chloro-3-methylphenol	8.70	107	390569	43.54	ng		98
37) 2-Methylnaphthalene	8.85	142	895871	45.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	380131	47.74	ng		99
40) Hexachlorocyclopentadiene	9.00	237	270080	75.18	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	286127	54.69	ng		93
43) 2,4,5-Trichlorophenol	9.18	196	275068	47.98	ng	#	84
45) 1,1'-Biphenyl	9.32	154	1040479	50.66	ng		99
46) 2-Chloronaphthalene	9.34	162	861388	53.61	ng		97
47) 2-Nitroaniline	9.45	65	271128	50.19	ng	#	67
48) Acenaphthylene	9.76	152	1260714	45.42	ng		99
49) Dimethylphthalate	9.62	163	1391413	72.82	ng		99
50) 2,6-Dinitrotoluene	9.69	165	227783	55.20	ng		96
51) Acenaphthene	9.93	154	738028	44.47	ng		96
52) 3-Nitroaniline	9.85	138	123883	26.23	ng		94
53) 2,4-Dinitrophenol	9.96	184	163132	77.85	ng	#	63
54) Dibenzofuran	10.10	168	1067119	48.07	ng		95
55) 4-Nitrophenol	10.03	139	321304	94.47	ng		84
56) 2,4-Dinitrotoluene	10.09	165	255759	46.56	ng		96
57) Fluorene	10.44	166	850290	49.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	203068	53.10	ng		95
59) Diethylphthalate	10.32	149	852659	47.35	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	362584	44.20	ng		90
61) 4-Nitroaniline	10.46	138	194955	40.31	ng		93
62) Azobenzene	10.59	77	960986	51.66	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	156539	53.62	ng		88
65) n-Nitrosodiphenylamine	10.56	169	768056	50.44	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	231692	46.53	ng		92
67) Hexachlorobenzene	10.99	284	225127	45.75	ng		94
68) Atrazine	11.08	200	228346	46.73	ng		99
69) Pentachlorophenol	11.18	266	225483	87.97	ng		98
70) Phenanthrene	11.40	178	1258923	46.10	ng		98
71) Anthracene	11.45	178	1113682	40.61	ng		98
72) Carbazole	11.61	167	1023000	39.02	ng		98
73) Di-n-butylphthalate	11.94	149	1372640	48.42	ng	#	96
74) Fluoranthene	12.58	202	1102331	39.13	ng		97
76) Benzidine	12.70	184	217755	16.69	ng		98
77) Pyrene	12.81	202	1029879	44.94	ng		99
79) Butylbenzylphthalate	13.42	149	434475	46.69	ng		99
80) Benzo(a)anthracene	14.00	228	773100	41.28	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	179898	26.95	ng	#	96
82) Chrysene	14.03	228	663843	37.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	586354	46.08	ng		98
84) Di-n-octyl phthalate	14.59	149	957600	46.21	ng		100
85) Indeno(1,2,3-cd)pyrene	16.84	276	890248	65.55	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	754836m	39.17	ng		
88) Benzo(k)fluoranthene	15.06	252	741804m	44.59	ng		
89) Benzo(a)pyrene	15.38	252	744093	44.64	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	729548	54.16	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	791714	58.17	ng	#	90

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

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