Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093019.D
Acq On : 17 Feb 2017 19:14
Operator : SJ/MA
Sample : I1879-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-3MSD

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:52 PM

Quant Time: Feb 17 23:22:51 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	6.85	152	164729	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	638345	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	306050	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	568324	20.00	ng		0.00
75) Chrysene-d12	14.02	240	451498	20.00	ng		0.00
86) Perylene-d12	15.44	264	342858	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1324700	137.97	ng		0.01
7) Phenol-d6	6.50	99	1780549	144.12	ng		0.01
23) Nitrobenzene-d5	7.42	82	1105077	96.40	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	395616	178.73	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1724813	102.10	ng		0.00
78) Terphenyl-d14	12.96	244	1558546	81.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	203831	39.29	ng	#	82
3) Pyridine	3.21	79	415903	31.53	ng		86
4) n-Nitrosodimethylamine	3.16	42	291685	47.09	ng		86
6) Aniline	6.52	93	437862	25.98	ng	#	55
8) 2-Chlorophenol	6.64	128	500466	47.25	ng		88
9) Benzaldehyde	6.40	77	112447	12.70	ng		97
10) Phenol	6.51	94	602187	41.66	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	492007	42.65	ng		90
12) 1,3-Dichlorobenzene	6.80	146	571512	46.06	ng		98
13) 1,4-Dichlorobenzene	6.86	146	566948	45.15	ng		98
14) 1,2-Dichlorobenzene	7.02	146	555771	46.29	ng		97
15) Benzyl Alcohol	7.00	79	431182	47.14	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	958080	47.80	ng		95
17) 2-Methylphenol	7.12	107	442212	48.66	ng		96
18) Hexachloroethane	7.37	117	199115	46.45	ng	#	88
19) n-Nitroso-di-n-propylamine	7.28	70	350678	44.59	ng		97
20) 3+4-Methylphenols	7.28	107	536425	49.37	ng		92
22) Acetophenone	7.26	105	683150	46.87	ng	#	95
24) Nitrobenzene	7.45	77	584348	49.64	ng	#	81
25) Isophorone	7.69	82	1087631	50.92	ng		98
26) 2-Nitrophenol	7.76	139	280465	50.13	ng		96
27) 2,4-Dimethylphenol	7.80	122	512624	52.17	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	664085	46.94	ng		99
29) 2,4-Dichlorophenol	8.01	162	472296	51.54	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	477490	48.35	ng		97
31) Naphthalene	8.17	128	1506906	46.57	ng		98
32) Benzoic acid	7.93	122	188464	35.96	ng		97
33) 4-Chloroaniline	8.21	127	191287	15.07	ng		99
34) Hexachlorobutadiene	8.28	225	245482	45.18	ng		98
35) Caprolactam	8.59	113	152783m	53.00	ng		
36) 4-Chloro-3-methylphenol	8.70	107	475170	49.73	ng		99
37) 2-Methylnaphthalene	8.85	142	984880	47.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	445733	51.88	ng		99
40) Hexachlorocyclopentadiene	9.00	237	328205	84.67	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	336611m	59.63	ng		
43) 2,4,5-Trichlorophenol	9.18	196	339362m	54.87	ng		
45) 1,1'-Biphenyl	9.32	154	1228129	55.42	ng		100
46) 2-Chloronaphthalene	9.34	162	970949	56.01	ng		99
47) 2-Nitroaniline	9.45	65	335104	57.49	ng	#	72
48) Acenaphthylene	9.76	152	1399918	46.74	ng		99
49) Dimethylphthalate	9.63	163	1641207	79.61	ng		100
50) 2,6-Dinitrotoluene	9.69	165	255247	57.33	ng	#	90
51) Acenaphthene	9.93	154	910097	50.83	ng		97
52) 3-Nitroaniline	9.86	138	154384	30.30	ng	#	68
53) 2,4-Dinitrophenol	9.96	184	196494	86.36	ng	#	62
54) Dibenzofuran	10.10	168	1164851	48.64	ng		98
55) 4-Nitrophenol	10.03	139	344900	93.99	ng		93
56) 2,4-Dinitrotoluene	10.09	165	302320	51.01	ng	#	91
57) Fluorene	10.44	166	882848	47.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265317	64.30	ng		94
59) Diethylphthalate	10.33	149	1098867	56.56	ng	#	94
60) 4-Chlorophenyl-phenylether	10.43	204	418436	47.27	ng		95
61) 4-Nitroaniline	10.48	138	283682	54.36	ng		88
62) Azobenzene	10.59	77	1161892	57.89	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	163784	47.38	ng	#	56
65) n-Nitrosodiphenylamine	10.56	169	814835	44.88	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	253690	42.73	ng		95
67) Hexachlorobenzene	10.99	284	268694	45.79	ng	#	91
68) Atrazine	11.08	200	263131	45.16	ng		99
69) Pentachlorophenol	11.18	266	287054	93.44	ng		97
70) Phenanthrene	11.40	178	1340365	41.17	ng		99
71) Anthracene	11.46	178	1577052	48.23	ng		98
72) Carbazole	11.61	167	1324551	42.38	ng		100
73) Di-n-butylphthalate	11.94	149	1569403	46.43	ng	#	97
74) Fluoranthene	12.59	202	1461175	43.51	ng		97
76) Benzidine	12.71	184	302448	15.72	ng		96
77) Pyrene	12.82	202	1497237	44.31	ng		99
79) Butylbenzylphthalate	13.44	149	752312	54.83	ng		87
80) Benzo(a)anthracene	14.01	228	1153228	41.76	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	284713	28.92	ng		97
82) Chrysene	14.04	228	1070716	41.41	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	930615	49.59	ng	#	93
84) Di-n-octyl phthalate	14.60	149	1593947	52.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	927556	46.32	ng		95
87) Benzo(b)fluoranthene	15.04	252	1078375	47.79	ng		98
88) Benzo(k)fluoranthene	15.06	252	893193m	45.84	ng		
89) Benzo(a)pyrene	15.39	252	941238	48.22	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	760903	48.23	ng		97
91) Benzo(g,h,i)perylene	17.28	276	799022	50.13	ng	#	91

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

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